Agency 82

Kansas Corporation Commission

Articles

Article 1.—RULES OF PRACTICE AND PROCEDURE

82-1-219. General requirements relating to pleadings and other papers. Except as otherwise provided in K.A.R. 82-1-231, each pleading shall contain the formal parts and meet the requirements specified in this regulation.

(a) Caption. The caption of a pleading shall include the heading, the descriptive title of the docket, and the docket number assigned to the matter by the executive director of the commission.

(1) Heading. Each pleading shall contain the heading "BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS" which shall be centered at the top of the first page of the pleading.

(2) Descriptive title. Immediately beneath the heading, and to the left of the center of the page, shall be the descriptive title of the docket. This title shall begin with the words "In the matter of" and shall be followed by a concise statement of the matter presented to the commission for its determination, including, if appropriate, a brief description of the order, authorization, permission, or certificate sought by the party initiating the docket. The name of the party initiating the docket and the names of all other parties to whom the initial pleading is directed shall be stated in the descriptive title, followed by a designation of each party's status in the proceeding. These designations shall include applicant, complainant, defendant, and respondent.

(3) Docket number. Upon the filing of the initial pleading in a docket, a docket number shall be assigned by the executive director of the commission, which shall be placed immediately to the right of the docket title. All pleadings filed in the docket after the formal initiation of the matter shall bear the same caption as that of the original pleading.

(b) Pleading title. The title of the pleading shall be centered immediately beneath the caption and shall describe the pleading contained in the numbered paragraphs that follow.

(c) Numbered paragraphs. Following the title of the pleading, the pertinent allegations of fact and law, in compliance with these regulations, shall be set forth in numbered paragraphs.

(d) Numbered pages. Beginning with the second page of the pleading, each page of the pleading shall be numbered consecutively.

(e) The prayer. The numbered paragraphs of the pleading shall be followed by the prayer, which shall be a concise and complete statement of all relief sought by the pleader. The prayer shall be brief, but shall be complete so that an order granting the prayer includes all of the relief desired and requested by the pleader.

(f) Subscription. Each pleading shall be personally subscribed or executed by one of the following methods:

(1) By the party making the same or by one of the parties, if there is more than one party;

(2) by an officer of the party, if the party is a corporation or association; or

(3) for the party, by its attorney. The names and the addresses of all parties shall appear either in the subscription or elsewhere in the pleading. The name, address, telephone number, and telefacsi-

mile number of the attorney for the party who is the pleader shall appear either in the subscription or immediately below it. Abbreviations of names and addresses shall not be used.

(g) Verification. Each pleading shall be verified by the party or by the party's attorney, if the attorney has actual knowledge of the truth of the statements in the pleading or reasonable grounds to believe that the statements are true. Each pleading shall be verified upon affirmation that meets the requirements of K.S.A. 54-104, and amendments thereto. Any pleading by a corporation or an association may be verified by an officer or director of the corporation or association. Written verification may be waived by the commission by order at its discretion.

(h) Certificate of service. Whenever service of a pleading is required by these regulations, the party responsible for effecting service shall endorse a certificate of service upon the pleading to show compliance with these regulations. The certificate shall show service by any method authorized by K.A.R. 82-1-216.

(i) Form. Each pleading shall be typewritten on paper that is 8½" wide and 11" long. The left-hand margin shall not be less than one inch wide. The impression shall be on only one side of the paper and shall be double-spaced, except that lengthy quotations may be single-spaced and indented. Photocopies of the pleading may be filed.

(j) Rejection of document. Each document that contains defamatory, scurrilous, or unethical language shall be rejected and returned to the party filing the document. Papers, correspondence, or pleadings or any copies of papers, correspondence, or pleadings that are not clearly legible shall be rejected and returned to the party filing the document.

(k) Amendments. The amendment of any pleading may be allowed by the commission at its discretion, either by replacement of the original pleading with an amended version of it or by interlineations or deletion of material on the original pleading. (Authorized by and implementing K.S.A. 66-106; effective Jan. 1, 1966; amended Feb. 15, 1977; amended July 23, 1990; amended Oct. 10, 2003; amended July 23, 2010.)

Article 3.—PRODUCTION AND CONSERVATION OF OIL AND GAS

82-3-101a. Procedures for determining location using global positioning system. Whenever an operator is required to report a location using a global positioning system (GPS), the operator shall obtain and report the GPS reading according to all of the following requirements:

(a)(1) The GPS unit shall be enabled by the wide area augmentation system (WAAS) when each GPS reading is taken; or

(2) if the GPS unit is not capable of using the WAAS system, the unit shall be rated by the manufacturer to be accurate to within 50 feet, at least 95 percent of the time.

(b) Each GPS reading shall be taken when the GPS unit indicates that the unit is in a stationary position for a sufficient amount of time to meet the accuracy requirement of paragraph (a)(1) or (2).

(c) Each GPS reading shall be expressed in the decimal form to the fifth place.

(d) A horizontal reference datum approved by the director shall be used and reported with each GPS reading. Acceptable horizontal reference datums shall include the following: North American datum (NAD) 27, North American datum (NAD) 83, and world geodetic system (WGS) 84. (Authorized by and implementing K.S.A. 55-152; effective Nov. 5, 2010.)

82-3-120. Operator or contractor licenses: application; financial responsibility; denial of application; penalty. (a)(1) No operator or contractor shall undertake any of the following activities without first obtaining or renewing a current license:

(A) Drilling, completing, servicing, plugging, or operating any oil, gas, injection, or monitoring well;

(B) operating a gas-gathering system, even if the system does not provide gas-gathering services as defined in K.S.A. 55-1,101(a), and amendments thereto; or

(C) constructing or operating an underground porosity gas storage facility.

Each operator in physical control of any such well or gas storage facility shall maintain a current license even if the well or storage facility is shut in or idle.

(2) Each licensee shall annually submit a completed license renewal form on or before the expiration date of the current license.

(b) To qualify for a license or license renewal, the applicant shall be in compliance with applicable laws, as required in subsection (g), and shall

submit the following items to the conservation division:

(1) An application meeting the requirements of subsection (c);

(2) a $100 license fee, except that an applicant for a license who is operating one gas well used strictly for the purpose of heating a residential dwelling shall pay an annual license fee of $25;

(3) for each rig as defined in subsection (d), a $25 fee and copies of property tax receipts on all rigs; and

(4) financial assurance in accordance with K.S.A. 55-155(d), and amendments thereto.

(c) The application for a license or a license renewal shall be verified and filed with the commission showing the following information:

(1) The applicant's full legal name and any other name or names under which the applicant transacts or intends to transact business under the license and the applicant's correct mailing address. If the applicant is a partnership or association, the application shall include the name and address of each partner or member of the partnership or association. If the applicant is a corporation, the application shall contain the names and addresses of the principal officers;

(2) the number of rigs sought to be licensed; and

(3) any other information that the forms provided may require.

Each application for a license shall be signed and verified by the applicant if the applicant is a natural person, by a partner or a member if the applicant is a partnership or association, by an executive officer if the applicant is a corporation, or by an authorized agent of the applicant.

(d) "Rig" shall mean any crane machine used for drilling or plugging wells. An identification tag shall be issued by the commission for each rig licensed according to this regulation. The operator shall display a current identification tag on each rig at all times.

(e) "An acceptable record of compliance" shall mean that both of the following conditions are met:

(1) The operator neither has been assessed by final order of the commission with $3,000 or more in penalties nor has been cited by final commission order for five or more violations in the preceding 36 months.

(2) The operator has no outstanding undisputed orders or unpaid fines, penalties, or costs assessed by the commission and has no officer or director that has been or is associated substantially with another operator that has any such outstanding orders or unpaid fines, penalties, or costs.

(f) Each operator furnishing financial assurance under K.S.A. 55-155(d)(1), and amendments thereto, shall also furnish a complete inventory of wells and the depth of each well for which the operator is responsible. Each operator furnishing financial assurance under K.S.A. 55-155(d)(2), (4), (5), or (6), and amendments thereto, either shall furnish a well inventory or shall be required to furnish the $45,000 bond, letter of credit, fee, or other financial assurance based on that amount. Falsification of the well inventory shall be punishable by a penalty of up to $5,000 and possible suspension of the operator's license.

(g) (1) If the applicant is registered with the federal securities and exchange commission, the applicant shall demonstrate to the commission that the applicant complies with all requirements of K.S.A. 55-101 et seq. and amendments thereto, all implementing regulations, and all commission orders and enforcement agreements.

(2) If the applicant is not registered with the federal securities and exchange commission, the applicant shall demonstrate to the commission that the following individuals comply with all requirements of K.S.A. 55-101 et seq. and amendments thereto, all implementing regulations, and all commission orders and enforcement agreements:

(A) The applicant;

(B) any officer, director, partner, or member of the applicant;

(C) any stockholder owning in the aggregate more than five percent of the stock of the applicant; and

(D) any spouse, parent, brother, sister, child, parent-in-law, brother-in-law, or sister-in-law of any of the individuals specified in paragraphs (g)(2)(A) through (C).

(h) Upon approval of the application by the conservation division, a license shall be issued to the applicant. Each license shall be in effect for one year unless suspended or revoked by the commission.

(i) An application or renewal application shall be denied if the applicant has not satisfied the requirements of this regulation. Denial of a license application shall constitute a summary proceeding under K.S.A. 77-537, and amendments thereto. A denial pursuant to K.S.A. 55-155(c)(3)

or (4), and amendments thereto, shall be considered a license revocation.

(j) Upon revocation of a license, no new license shall be issued to that operator or contractor until after the expiration of one year from the date of the revocation.

(k) The failure to obtain or renew an operator or contractor license before operating shall be punishable by a $500 penalty.

(l) Each operator shall notify the conservation division in writing within 30 days of any change in information supplied in conjunction with the license application. If the change involves an increase in the number or depth of the wells listed on the operator's well inventory, the operator's notification shall be accompanied by additional financial assurances to cover the additional number or depth of wells. (Authorized by K.S.A. 55-152 and 55-1,115; implementing K.S.A. 2009 Supp. 55-155 and K.S.A. 55-164 and 55-1,115; effective, T-83-44, Dec. 8, 1982; effective May 1, 1983; amended May 8, 1989; amended April 23, 1990; amended March 20, 1995; amended Aug. 29, 1997; amended Jan. 25, 2002; amended, T-82-6-27-02, July 1, 2002; amended Oct. 29, 2002; amended Nov. 5, 2010.)

82-3-311a. Drilling through CO_2 storage facility or CO_2 enhanced oil recovery reservoirs. (a) Each person, firm, or corporation that, for any purpose, drills or causes the drilling of a well or test hole that penetrates or bores through any stratum or formation utilized for CO_2 storage or CO_2 enhanced oil recovery shall seal off the CO_2 stratum or formation by either of the following:

(1) The methods and materials recommended by the operator of the CO_2 storage facility or CO_2 enhanced oil recovery project and approved by the director or the director's authorized representative; or

(2) any methods and materials that the director determines to be fair and reasonable.

(b) Each person, firm, or corporation specified in subsection (a) shall maintain the well or test hole in a manner that protects the stratum or formation at all times from pollution and the escape of CO_2.

(c) At least 30 days before commencing or plugging a well or test hole as specified in subsection (a), the person, firm, or corporation desiring to commence drilling or plugging operations shall give to the operator of the CO_2 storage facility or CO_2 enhanced oil recovery project and the conservation division written notice, by registered mail, of the date desired for commencement of drilling or plugging the well.

(d) Within 10 days after receipt of notice, the operator of the CO_2 storage facility or CO_2 enhanced oil recovery project shall forward to the conservation division the operator's recommendations for the manner, methods, and materials to be used in the sealing off or plugging operation. The operator of the CO_2 storage facility or CO_2 enhanced oil recovery project shall give notice of the recommendations by mailing or delivering a copy to the person, firm, or corporation that seeks to drill or plug a well or test hole. The notice shall be mailed or delivered on or before the date on which the recommendations are mailed to or filed with the conservation division.

(e) Each objection or complaint stating why the recommendations proposed by the operator of the CO_2 storage facility or CO_2 enhanced oil recovery project are not feasible, practical, or reasonable shall be filed within five days after the recommendation is filed.

(f) If any objections or complaints are filed or if the director deems that there should be a hearing on the recommendation of the operator of the CO_2 storage facility or CO_2 enhanced oil recovery project, a hearing shall be held. Notice of the hearing shall be published according to K.A.R. 82-3-135.

(g) Following the hearing or receipt of the recommendations proposed by the operator of the CO_2 storage facility or CO_2 enhanced oil recovery project, the manner, methods, and materials to be used in the sealing off or plugging operation shall be prescribed by the director. Operations shall not commence until the director has prescribed the manner, methods, and materials to be used.

(h) The operator of the CO_2 storage facility or CO_2 enhanced oil recovery project involved may have a representative present at all times during the drilling, completing, or plugging of the well or test hole and shall have access to all records relating to the drilling, equipping, maintenance, operation, or plugging of the well.

(i) Each operator of the CO_2 storage facility or CO_2 enhanced oil recovery project involved, in conjunction with the conservation division or its representative and with the operator of the well, shall have the right to inspect or test the well to discover any leaks or defects that could affect the

CO_2 storage or CO_2 enhanced oil recovery stratum or formation.

(j) The operator of the CO_2 storage facility or enhanced oil recovery project shall pay each cost necessarily incurred in sealing off the stratum or formation or in plugging, maintaining, inspecting, or testing the well, as recommended by the operator of the CO_2 storage facility or CO_2 enhanced oil recovery project and subsequently either approved or independently determined by the director or the director's representative, that exceeds the ordinary cost of operations using similar methods. (Authorized by and implementing K.S.A. 2008 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1100. Definitions: carbon dioxide (CO_2) storage facilities. The following terms, as used in these regulations for carbon dioxide (CO_2) storage facilities, shall have the following meanings:

(a) "Abandonment" means the process of plugging all CO_2 storage wells in a storage facility and the removal of all surface equipment.

(b) "CO_2" means carbon dioxide.

(c) "CO_2 capture, sequestration, or utilization machinery and equipment" means any machinery and equipment that are located in this state and meet one of the following conditions:

(1) Are used to capture carbon dioxide from industrial and other anthropogenic sources, or to convert this carbon dioxide into one or more products;

(2) are used to inject carbon dioxide into a carbon dioxide injection well; or

(3) are used to recover carbon dioxide from sequestration.

(d) "CO_2 closure period" means the period of time from the permanent cessation of active injection or withdrawal operations until the beginning of the CO_2 postclosure period. During this period, the operator is responsible for activities that include the following:

(1) Monitoring the plume's pressure;

(2) monitoring the horizontal and vertical extent of the plume; and

(3) monitoring plugged and abandoned wells.

(e) "CO_2 postclosure period" means the time after the CO_2 closure period in which all wells are plugged and monitoring of the storage reservoir is no longer necessary because the plume is stable and is not a threat to public health and safety or usable water.

(f) "CO_2 storage" means the storage of CO_2 in geologic strata that have been converted for CO_2 storage.

(g) "CO_2 storage facility" and "storage facility" mean the leased acreage and CO_2 storage reservoir. This term shall include the CO_2 storage well, well bore tubular goods, the wellhead, and any related equipment, including the last positive shutoff valve attached to the flow line.

(h) "CO_2 storage observation well" and "observation well" mean a well either completed or recompleted for the purpose of observing subsurface phenomena, including the presence of CO_2, pressure fluctuations, fluid levels and flow, and temperature.

(i) "CO_2 storage recovery well" and "recovery well" mean a well used for the withdrawal of storage CO_2 that has migrated from the CO_2 storage reservoir and is trapped in a different reservoir. The wells are used in the recovery of storage CO_2 as remediation of a loss of containment.

(j) "CO_2 storage reservoir" and "storage reservoir" mean a porous, brine-filled stratum of the earth that is separated from any other similar porous stratum by an impermeable stratum and is capable of being used for the storage of CO_2.

(k) "CO_2 storage well" means any CO_2 storage injection or withdrawal well, CO_2 storage withdrawal well, CO_2 storage observation well, or CO_2 recovery well completed or recompleted as part of a CO_2 storage facility.

(l) "CO_2 storage withdrawal well" and "withdrawal well" mean a well used only for the withdrawal of CO_2 stored in a reservoir.

(m) "Decommission" means a declaration that CO_2 injection or withdrawal will cease at a CO_2 storage field and the storage field will be taken out of service.

(n) "Fracture gradient" means the pressure gradient, measured in pounds per square inch per feet, that if applied to a subsurface formation, will cause that formation to physically fracture.

(o) "Fresh water" means water containing not more than 1,000 milligrams of total dissolved solids per liter.

(p) "Kansas certified laboratory" means a laboratory certified by the Kansas department of health and environment.

(q) "Leak" means a loss of CO_2. A loss occurs when CO_2 has migrated or is migrating from the wellhead, tubing, or casing or around the packer.

(r) "Leak detector" means a device capable of detecting by chemical or physical means the pres-

ence of CO_2 or the escape of CO_2 through a small opening.

(s) "Licensed engineer" means an engineer who is licensed or authorized to practice engineering in Kansas by the Kansas state board of technical professions.

(t) "Licensed geologist" means a geologist who is licensed or authorized to practice geology in Kansas by the Kansas state board of technical professions.

(u) "Loss of containment" means that CO_2 has migrated or is migrating out of the CO_2 reservoir or facility. Generally, the term "loss of containment" is used when referring to CO_2 that has migrated or is migrating from the CO_2 storage reservoir or beyond the authorized facility boundary.

(v) "Material change" shall include any of the following:

(1) Adding a storage zone;

(2) a change in CO_2 storage volume; or

(3) a change in the maximum surface operating pressure.

(w) "Monitoring means" means the steps taken to evaluate pressure data or other data for any indication that a leak or loss of containment could be occurring or has occurred.

(x) "Normal operating condition" means that the master valve and the first positive shutoff valve must fully open and close with reasonable ease and must be able to hold pressure in the closed position.

(y) "Packer" means an expanding mechanical device used in a well to seal off certain sections of the well when cementing, testing, or isolating the well from the completed interval.

(z) "Small, well-defined outside area" means an area, including a playground, recreation area, outdoor theater, and other place of public assembly, that is occupied by 20 or more persons at least five days a week for 10 weeks in any 12-month period. The days and weeks shall not be required to be consecutive.

(aa) "Usable water" means water containing not more than 10,000 milligrams of total dissolved solids per liter. This upper limit is approximately equivalent to 10,000 parts of salt per million or 5,000 parts of chloride per million. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1101. CO_2 storage facility; permit application. (a) No entity shall operate a CO_2 storage facility without a permit to operate the facility.

(b) Each applicant for a permit shall submit the application on a form provided by the conservation division. The applicant shall sign and verify the application. The applicant shall file the original and two copies of the application with the conservation division.

(c) Each application shall contain the following information:

(1) The applicant's name and license number;

(2) the name of the proposed CO_2 storage facility;

(3) the name, description, and average depth of the CO_2 storage reservoir or reservoirs proposed to be utilized for CO_2 storage;

(4) a generalized stratigraphic column of the geologic formations encountered at the proposed CO_2 storage facility supported with geophysical logs:

(A) Each generalized stratigraphic column and geophysical log shall identify the geologic formations from the surface through the first formation below the storage reservoir and clearly label all fresh and usable water aquifers and all known active and inactive oil and gas producing horizons within the CO_2 storage facility and within a one-mile radius around the CO_2 storage facility; and

(B) minimum required geophysical logging analysis curves for each CO_2 storage well shall be on a scale of 5"=100' and shall include the following: correlation gamma ray, formation density, porosity curves, spontaneous potential, cement bond log and temperature log;

(5) a geologic, hydrogeologic, and reservoir evaluation of the proposed CO_2 storage facility, including the predicted amount of CO_2 that will be stored in the reservoir. The evaluation shall describe the geologic, geomechanic, hydrogeologic, and reservoir characteristics of the proposed CO_2 storage reservoir or reservoirs, the adjacent confining layer or layers, and the reservoir conditions that control the trapping mechanism. The evaluation shall consist of written text as specified in this paragraph and shall be illustrated with maps and cross sections. In addition, the evaluation shall identify any petroleum and water resources that have the potential to impact or be impacted by CO_2 storage operations. The evaluation under this paragraph, including all written materials and all accompanying maps, shall be cer-

tified by a licensed engineer or licensed geologist. This evaluation shall include the following:

(A) An assessment of the regional and local geological setting, including regional or local faulting and structural or stratigraphic features;

(B) the geological characterization of the trapping and containment mechanisms of the proposed CO_2 storage reservoir and adjacent confining layers, using all available geophysical data;

(C) a geochemistry evaluation to quantitatively predict water-CO_2-rock reactions and their effects on the storage reservoir;

(D) an evaluation of the CO_2 concentrations in the proposed storage reservoir and adjacent formations;

(E) reservoir evaluation and modeling for long-term distribution of CO_2 in the subsurface, including the rate of dissolution of the CO_2 in the formation water, miscibility, migration rates, direction, and the monitoring of the CO_2 reservoir pressure and migration;

(F) reservoir modeling of long-term movement of brine displaced by the injection of CO_2;

(G) exhibits and plan view maps showing the following:

(i) All CO_2 storage wells;

(ii) all water, oil, and natural gas exploration and development wells and other man-made surface structures and activities within one mile outside of the storage facility boundary;

(iii) all regional or local faulting;

(iv) an isopach map of the CO_2 storage reservoir or reservoirs;

(v) an isopach map of the adjacent confining layer or layers;

(vi) a structure map of the top and base of the CO_2 storage reservoir or reservoirs;

(vii) the extent of the area of maximum volume and all structural spill points or stratigraphic anomalies controlling the containment of stored CO_2 or associated fluids. The base for this map shall be a structure map on top of the storage reservoir;

(viii) structural and stratigraphic cross sections that depict the geologic conditions at the proposed CO_2 storage facility;

(ix) a detailed plan that outlines timely and permanent monitoring of soil, usable water, and the first porous zone immediately above the CO_2 reservoir's confining layer; and

(x) a saline fluid flow map of the storage reservoir showing local and regional fluid flow direction; and

(H) an evaluation of all potential migration pathways that could lead to any potential loss of containment;

(6) a closure plan, which shall include the following:

(A) Pressure in the injection zone before injection began and the anticipated pressure in the injection zone at the time of closure;

(B) the predicted time when pressure in the storage reservoir will decrease to a point at which the storage reservoir's static fluid level will be below the base of the lowermost usable water formation;

(C) the predicted position of the leading edge of CO_2 plume at closure; and

(D) monitoring of the CO_2 plume and the lowest usable water zone;

(7) an area of review evaluation, which shall be certified by a licensed geologist or licensed engineer and shall include the following:

(A) A review of the data of public record and all available records for all wells that penetrate the CO_2 storage reservoir and those wells that penetrate the CO_2 storage reservoir within one-fourth mile of the boundary of the CO_2 storage facility. This review shall determine if all the abandoned wells have been plugged in a manner that prevents the movement of CO_2 or associated fluids from the CO_2 storage reservoir and if all unplugged wells that penetrate the CO_2 storage reservoir have adequate cement to isolate the storage interval from other reservoirs in the well and from behind the casing; and

(B) identification of any wells that appear from a review of public records to be unplugged or improperly plugged or any unplugged or improperly plugged wells of which the applicant has actual knowledge;

(8) the actual maximum injection rate per day for the injection of CO_2 certified by a licensed engineer or licensed geologist;

(9) a report characterizing the maximum storage facility operating pressure as a function of the fracture gradient of the storage reservoir. The fracture gradient of the storage reservoir shall be determined by a step rate test or calculated by other methods approved by the director and certified by a licensed engineer or licensed geologist. The operating pressure of a CO_2 storage facility shall not be greater than 75 percent of the fracture gradient for the storage reservoir as measured in PSIG;

(10) the calculated maximum surface and bot-

tom hole injection pressure of the CO_2 and water to be injected;

(11) the results of multiple water quality tests of fluid recovered from the CO_2 storage reservoir or reservoirs. The amount of chlorides and total dissolved solids of the fluid in milligrams per liter shall be reported. Water analysis shall be performed by a Kansas certified laboratory. No CO_2 storage shall be permitted in a usable water formation;

(12) a site map showing the boundaries of the CO_2 storage facility, the location and well number of all proposed CO_2 storage wells, including all observation wells, the location of cathodic protection boreholes or ground bed systems, and the location of all pertinent surface facilities within the boundary of the storage facility and within one-fourth mile of the outside of the proposed storage facility boundary. The applicant shall verify this site map;

(13) a statement confirming that the applicant holds the necessary property and mineral rights for construction and operation of the CO_2 storage facility;

(14) a storage facility safety plan. This plan shall include the following:

(A) Emergency response procedures and provisions to provide security against unauthorized entry;

(B) details for the safety procedures concerning residential, commercial, and public land use in the proximity of the storage facility;

(C) details for notifying all residents, commercial businesses, and areas of public use that could be impacted if an emergency occurs;

(D) emergency response procedures and contingency plans for CO_2 storage well leaks;

(E) emergency response procedures and contingency plans for a loss of containment from the CO_2 storage facility;

(F) specific contractors and equipment vendors capable of providing necessary services and equipment to respond to CO_2 storage well leaks or loss of containment from the CO_2 storage facility;

(G) a review of the safety plan with county emergency management, to determine how emergencies will be prevented, prepared for, and responded to;

(H) a schedule for updating county emergency management agencies; and

(I) a monitoring plan to ensure containment of the CO_2 within the CO_2 storage facility boundaries. This shall include monitoring wells to monitor for CO_2 migration vertically and horizontally;

(15) a demonstration of financial responsibility to ensure proper operation and closure of the CO_2 storage facility. The form and amount of financial responsibility shall be approved by the director. Adjustments to the financial responsibility may be required by the director;

(16) any other relevant information that the conservation division requires; and

(17) payment of the application fee required by K.A.R. 82-3-1119. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1102. Notice of application for permit and protest. (a) Each applicant for a permit to operate a CO_2 storage facility shall give notice on or before the date the application is filed with the conservation division by mailing or delivering a copy of the application to the following:

(1) Each operator or mineral lessee of record within one-half mile of the boundary of the storage facility;

(2) each owner of record of the minerals in unleased acreage within one-half mile of the boundary of the storage facility; and

(3) each landowner on whose land the storage facility will be located.

(b) The applicant shall publish notice of the application once each week for two consecutive weeks in the official county newspaper of each county in which the lands affected by the application are located, at least once in the Kansas Register, and at least once in the Wichita Eagle newspaper.

(c) The applicant shall give any additional notice that the director deems necessary to ensure due process.

(d) The application shall be held in abeyance for 30 days from the date of last publication or delivery of notice, whichever is later. If, during that 30-day period, a protest is filed according to K.A.R. 82-3-135b or if the director deems that a hearing is necessary to protect the health, safety, welfare, or property of residents or the water or soil resources of the state, a hearing on the application shall be held.

(e) The applicant shall publish notice of the hearing in the same manner as that required by subsection (b). (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1103. Application required to amend permit. (a) The operator of a CO_2 storage facility shall file an application with the conservation division, on a form furnished by the conservation division, for an amendment to that permit if at least one of the following conditions is met:

(1) A material change in condition has occurred in the operation of the CO_2 storage facility or in the ability of the storage facility to operate without causing pollution.

(2) The areal extent of the CO_2 storage facility is expanded.

(3) The CO_2 storage reservoir pressure is increased above the maximum permitted pressure.

(4) An additional CO_2 storage well is added, or an existing well is converted to a CO_2 storage well.

(b) Notice of the amendment application and protest period shall be the same as provided in K.A.R. 82-3-1102.

(c) If an application for an amendment is administratively denied, the operator shall have a right to a hearing upon written request. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1104. Transfer of a CO_2 storage facility permit. (a) The authority to operate a CO_2 storage facility under a permit from the conservation division shall not be transferred from one operator to another without the approval of the director. The transferring operator shall notify the conservation division, on a form prescribed by the conservation division, of the intent to transfer the permit at least 30 days before the proposed transfer.

(b) The notification shall contain the following information:

(1) The name and address of the transferring operator and that operator's license number;

(2) the permit number;

(3) a list of all CO_2 storage wells on the storage facility authorized under the permit being transferred;

(4) the CO_2 storage reservoir or reservoirs covered by the permit;

(5) the proposed effective date of transfer;

(6) the signature of the transfering operator and the date signed;

(7) the name and address of the transferee operator and that operator's license number; and

(8) the signature of the transferee operator and the date signed.

(c) The transferee shall provide proof of financial responsibility in a form and an amount approved by the director before the transfer of the permit.

(d) A copy of the approved transfer shall be sent to the transferring operator and transferee operator.

(e) Within 90 days of transfer approval, the transferee operator shall change the identification signs specified in K.A.R. 82-3-1107(g) to show the transferee operator information. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1105. Modification, suspension, or cancellation of permit. (a) A permit may be modified, suspended, or canceled after notice and opportunity for hearing if either of the following conditions is met:

(1) A material change in condition has occurred in the operation of the CO_2 storage facility.

(2) Material deviations from the information originally furnished to the conservation division occur that affect the safe operation of the storage facility or the ability of the storage facility to operate without causing a threat to public health and safety or to usable water.

(b) All operations at a CO_2 storage facility shall cease upon suspension or cancellation of the permit for that storage facility. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1106. Well construction requirements. (a) As part of the application to install and operate a CO_2 storage facility, the applicant shall submit well construction information for proposed well completions for existing wells and wells to be drilled or reentered and used for CO_2 storage wells.

(b) Information on existing wells and wells to be drilled or reentered shall include the following:

(1) A plan specifying the drilling, completion, or conversion procedures for the proposed CO_2 storage well;

(2) a well bore schematic showing the name, description, construction, and depth of each well drilled or proposed to be drilled as a CO_2 storage well;

(3) a description of the casing, tubing, and packer in the CO_2 storage well or the proposed

casing for new wells, including a full description of cement already in place or as proposed;

(4) the proposed method of testing the wells to demonstrate mechanical integrity of the casing, tubing, and packer before use; and

(5) for existing wells and wells to be reentered, all available geophysical logs through the storage reservoir and cased-hole logs including gamma ray, neutron curves, cement bond log, and temperature log. For wells to be drilled, the information shall include a complete open-hole wireline log measuring rock formation parameters of spontaneous potential, resistivity, gamma ray, and neutron density through the storage reservoir and cased-hole logs, including gamma ray, neutron curves, cement bond log, and temperature log. Each log shall be annotated to identify the estimated location of the base of the deepest usable water formation, showing the stratigraphic position and thickness of all confining strata above the storage reservoir and the stratigraphic position and thickness of the storage reservoir. An alternative log may be used if the director determines that the alternative log is substantially equivalent to one of the logs specified. To obtain approval for use of an alternative log, the applicant shall submit the following to the director:

(A) A description of the log and the theory of operation;

(B) a description of the field conditions under which the log can be used;

(C) the procedure for interpreting the log; and

(D) an interpretation of the log upon completion of the logging event.

(c) Each CO_2 storage well shall meet the applicable casing and cementing requirements of K.A.R. 82-3-104, K.A.R. 82-3-105, and K.A.R. 82-3-106. However, all casing strings that are set in the well bore shall be cemented with a sufficient volume of cement to fill the annular space to a point 500 feet above the top of the CO_2 storage reservoir or to the surface, whichever is less.

(d) Each CO_2 storage well shall be completed with a tubing and packer configuration.

(e) All surface, intermediate, and production casing and all tubing strings shall meet the standards specified in either of the following, which are hereby adopted by reference:

(1) "Bulletin on performance properties of casing, tubing, and drill pipe," API bulletin 5C2, as published by the American petroleum institute in October 1999; or

(2) "specification for casing and tubing (U.S. customary units)," API specification 5CT, sixth edition, as published by the American petroleum institute in October 1998, except the publications adopted on page 1 of section 2.1, and the errata published in May 1999.

(f) Liners set within casing shall have cement circulated from the bottom of the liner to the top of the liner. If cement does not circulate, the annulus between the liner and casing shall be equipped in a way that the annulus can be monitored and tested for mechanical integrity.

(g) All surface, intermediate, and production casing and all tubing strings shall be new casing or reconditioned casing of equivalent quality that has been pressure-tested in accordance with the requirements of K.A.R. 82-3-1112(d)(1). For new pipe, the pressure test conducted at the manufacturing mill or fabrication plant may be used to fulfill this requirement.

(h) Emplacement of cement in setting intermediate casing, production casing, or any liners shall be verified by a cement bond log, cement evaluation log, or other evaluation method approved by the conservation division.

(i) All newly drilled wells shall demonstrate internal and external mechanical integrity before use for CO_2 injection, as required in K.A.R. 82-3-1112.

(j) The applicant shall submit a tabular summary containing the following information for each proposed CO_2 storage well:

(1) Location;

(2) completion date;

(3) well depth;

(4) casing; and

(5) cementing and completion information.

(k) Each CO_2 injection or withdrawal well located within 330 feet of an inhabited residence, commercial establishment, church, school, or small, well-defined outside area shall be equipped with a down-hole safety shutoff.

(l) Approval of the design of the proposed well may be obtained before actual construction of the well.

(m) Upon completion of each well, the applicant shall submit to the conservation division a copy of the well completion report, on a form furnished by the conservation division.

(n) All packers, packer elements, and any similar equipment critical to the containment of CO_2 shall be of a quality to withstand exposure to CO_2.

(o) For tubing completions, the packer shall

be set at a depth so that the packer will be opposite a cemented interval of the long-string casing and shall be set no more than 50 feet above the uppermost perforation or open hole of the CO_2 storage reservoir. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1107. Storage facility requirements. (a) All wellhead components, including the casinghead and tubing head, valves, and fittings, shall be made of material having operating pressure ratings sufficient to exceed the maximum injection pressure computed at the wellhead and to withstand the corrosive nature of CO_2.

(b) The ratings shall be clearly identified on valves and fittings.

(c) The wellhead master valve on each CO_2 storage well shall be fully opening and shall be sized to the diameter of the casing or tubing string to which the valve is attached.

(d) Each flow line connected to the wellhead shall be equipped with a manually operated positive shutoff valve located on the wellhead.

(e) Each wellhead shall be protected with safety devices to prevent pressures in excess of the maximum allowable operating pressure from being exerted on the storage reservoir and to prevent the backflow of any stored CO_2 if a flow line ruptures.

(f) The storage facility shall have a continuously operating supervisory control and data acquisition (SCADA) system approved by the director to monitor operations for each individual CO_2 storage well. The SCADA system shall be connected by a communication link with the local control room or any remote control center for service and maintenance crews. If an emergency occurs, the equipment shall be capable of automatically closing all inlets and outlets to the CO_2 storage facility. Each sensor or indicator shall be calibrated annually, and the documentation shall be kept for five years. Each of the following instruments shall be connected to an alarm:

(1) Flow indicator; and

(2) pressure indicator on the lines of the wellhead.

(g) The operator shall identify each CO_2 storage well and associated compressor site by posting a sign at the wellhead or compressor site. The sign shall be durable and shall be large enough to be legible under normal daytime conditions at a distance of 50 feet. The sign shall include all of the following information:

(1) The name and license number of the operator;

(2) the name of the storage facility and either the CO_2 storage well number or the compressor site name or number;

(3) the location of the CO_2 storage well or compressor site by quarter section, section, township, range, and county;

(4) the emergency contact phone number or numbers for the operator of the storage facility; and

(5) identification of the well as a CO_2 storage well.

(h) A leak detector shall be placed at each of the following locations:

(1) Any CO_2 storage well located within 330 feet of an inhabited residence, commercial establishment, church, school, or small, well-defined outside area;

(2) each enclosed compressor site; and

(3) any building housing a CO_2 pipe connection.

(i) The required leak detectors shall be integrated with automated warning systems. The inspection and testing of these leak detectors shall meet the requirements of K.A.R. 82-3-1111.

(j) The installation of monitor wells may be required by the director to determine the preinjection baseline parameters of soil and water. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1108. Storage facility monitoring and reporting. (a) During the first year of CO_2 storage operations, the operator shall file monthly pressure, injection, and withdrawal reports on forms provided by the conservation division. Each monthly report shall be due on or before the 10th of the month for the previous month and shall contain the following information:

(1) Maximum wellhead pressure reading for the month;

(2) minimum wellhead pressure reading for the month;

(3) average wellhead pressure reading for the month;

(4) total amount of CO_2 injected each week;

(5) total amount of CO_2 withdrawn each week; and

(6) cumulative total of CO_2 in the storage facility.

(b) (1) During the second and each subsequent year of CO_2 storage operations, the operator shall file quarterly pressure, injection, and withdrawal reports on forms provided by the conservation division. The quarterly reports shall be submitted according to the following schedule:

(A) For the period covering January 1 through March 31, on or before the following April 30;

(B) for the period covering April 1 through June 30, on or before the following July 31;

(C) for the period covering July 1 through September 30, on or before the following October 31; and

(D) for the period covering October 1 through December 31, on or before the following January 31.

(2) Each quarterly report shall contain the following information:

(A) Maximum wellhead pressure reading for each month;

(B) minimum wellhead pressure reading for each month;

(C) average wellhead pressure reading for each month;

(D) total amount of CO_2 injected each month;

(E) total amount of CO_2 withdrawn each month; and

(F) cumulative total of CO_2 in the storage facility.

(c) The CO_2 injectate shall be sampled monthly and tested at a Kansas certified laboratory for the percentage of CO_2. The report shall be filed with the conservation division on or before the 28th day of the following month. The CO_2 shall be of sufficient purity and quality not to compromise the safety and efficiency of the reservoir to effectively contain the CO_2.

(d) The total volume of CO_2 injected into or withdrawn from a storage facility shall be measured through a meter of sufficient capacity and approved by the director. The original field record consisting of magnetic tapes, digital electronic data, meter charts, or records of CO_2 injected or withdrawn shall be retained for at least five years. This information shall be made available to the conservation division upon request.

(e) The operator shall submit a detailed map, which shall be prepared by a licensed engineer or a licensed geologist, showing the areal extent of the CO_2 plume on December 31 of each year to the conservation division by the following January 31 of each year. The operator shall include a narrative description of how the areal extent of the CO_2 plume was determined. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1109. Annual review of safety plan; safety plan update. (a) Each operator of a CO_2 storage facility shall conduct an annual review of the safety plan required by K.A.R. 82-3-1101(c)(14) with its field staff and an agent of the conservation division.

(b) The annual review shall, at a minimum, include the following:

(1) Emergency response procedures;

(2) security against unauthorized entry;

(3) procedures to be followed if an emergency occurs, affecting the residential, commercial, and public land use within the CO_2 storage facility and within one-half mile of the storage facility;

(4) contingency plans for CO_2 storage well leak and loss of containment;

(5) the names of specific contractors and equipment vendors capable of providing necessary services and equipment to respond to an emergency or CO_2 storage well leak or loss of containment;

(6) availability of the safety plan at the CO_2 storage facility and the nearest operational office of the storage facility operator;

(7) safety training drills that occurred during the year, including a list of attendees and date on which each training drill was conducted;

(8) safety meetings that occurred during the year, including a list of attendees and the date on which each safety meeting was conducted; and

(9) a review of the safety plan to ensure that the plan is current.

(c) The operator shall notify the conservation division at least 10 days before the annual review so that a representative of the conservation division can be present.

(d) The operator shall submit a written report summarizing the annual review to the conservation division within 30 days following the review.

(e) An extension of time to conduct the annual review may be granted by the director, upon a showing of good cause by the operator.

(f) Subsequent reviews of the safety plan may be required by the director if an emergency or a safety-related incident occurs.

(g) The safety plan shall be updated as changes in safety features at the storage facility occur or as the director may require for the pro-

tection of public health and safety. An updated copy of the safety plan shall be maintained with the conservation division and either at the storage facility or at the nearest operational office. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1110. Safety inspection. (a) Each operator of a CO_2 storage facility shall perform an annual safety inspection of the storage field to ensure that all safety equipment and monitoring equipment are in working order.

(b) The operator shall notify the conservation division at least 10 days before each inspection so that a representative of the conservation division can be present to witness the inspection.

(c) An extension of time to conduct the annual safety inspection may be granted by the director upon a showing of good cause by the operator.

(d) The safety inspection shall demonstrate to the satisfaction of the conservation division's agent that all of the following conditions are met:

(1) All CO_2 storage well manual valves are in normal operating condition.

(2) All surface automatic shut-in safety valves are in normal operating condition.

(3) Wellheads and all related equipment are connected and functioning.

(4) All valves, annuli, and blow-downs open and close with reasonable ease.

(5) The cathodic protection systems are functioning.

(6) The warning signs are in compliance with these regulations.

(7) All safety fences, barriers, and security equipment are adequate.

(e) The operator shall file a written report consisting of the inspection procedures used and the results of the safety inspection with the conservation division within 30 days following the inspection. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1111. Leak detector inspections and testing. (a) Each leak detector required by K.A.R. 82-3-1107 shall be tested once each calendar year and, if defective, shall be repaired or replaced within 10 days.

(b) Each repaired or replaced detector shall be retested if required by the director.

(c) An extension of time for repair or replacement of a leak detector may be granted by the director upon a showing of good cause by the operator of the CO_2 storage facility.

(d) The operator shall maintain a record of each inspection, including the inspection results, for at least five years and shall make each record available to the conservation division upon request. (Authorized by K.S.A. 2008 Supp. 55-1637 and 55-1640; implementing K.S.A. 2008 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1112. Mechanical integrity testing. (a) Each CO_2 storage well shall be completed, equipped, operated, and maintained in a manner that prevents pollution of usable water and confines the CO_2 in the tubing or casing and in the formations approved for storage.

(b) A CO_2 storage well shall be considered to have mechanical integrity if the well demonstrates both internal and external integrity.

(c) Internal integrity shall be demonstrated by a successful pressure test. The operator shall perform a successful pressure test on each CO_2 storage well before placing the storage well in operation and at least once every two years thereafter.

(d) The pressure test shall be conducted under the supervision of an employee of the operator of the CO_2 storage facility. The date of the test shall be mutually agreed to by the CO_2 storage facility operator and the conservation division. The test shall be conducted as follows:

(1) A minimum fluid pressure of 300 psig shall be applied to the tubing casing annulus at the surface for a period of 30 minutes. Internal mechanical integrity shall be demonstrated if the applied pressure does not decrease by more than 10 percent.

(2) The test results shall be verified by the CO_2 storage facility's representative.

(e) External integrity shall be demonstrated by cased hole logs. A minimum of a gamma ray, neutron, and temperature logs shall be run from 50 feet above the point of injection continuously to the surface. The use of an alternative log may be approved by the director upon written request.

(f) Each CO_2 storage well shall demonstrate external integrity at least once every four years.

(g) If a CO_2 storage well fails to demonstrate mechanical integrity, the operator of the well shall, upon discovery, isolate each leak in a manner that contains CO_2 and associated fluids in the storage well or storage reservoir and demonstrates that the well does not pose a threat to public

health and safety and usable water. The operator shall perform one of the following within 90 days:

(1) Repair and retest the storage well to demonstrate mechanical integrity; or

(2) plug the storage well according to K.A.R. 82-3-1118. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1113. Report of leak, potential leak, or loss of containment. (a) Each operator of a CO_2 storage facility shall report each leak, each potential leak, and any pressure changes or other monitoring data that indicate a loss of containment of injected CO_2 or associated fluids. The report shall be made orally to the appropriate conservation division district office and to the conservation division central office by the next business day following discovery. The oral report shall be confirmed in writing to the conservation division central office within three business days following the oral report.

(b) The operator shall submit a written summary of the cause or causes of each leak or loss of containment or the data indicating a potential leak or potential loss of containment to the conservation division central office within 10 days following the written report required in subsection (a). The summary shall also evaluate whether the situation poses a threat to public health and safety, usable water, or property.

(c) Within 30 days following the summary report required by subsection (b), the operator of the CO_2 storage facility shall submit an action plan to repair the leak or regain containment for the conservation division's review and approval. The action plan shall describe any corrective action, monitoring, or operational procedures that have been or will be taken.

(d) The installation of observation or monitoring wells may be required by the director to gain additional information about the leak or loss of containment.

(e) Additional reports may be required by the director until the leak or loss of containment is remediated. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1114. Temporary abandonment of storage wells. (a) Within 90 days after a CO_2 storage well ceases operation, the operator of that well shall perform one of the following:

(1) Plug the well in accordance with K.A.R. 82-3-1118; or

(2) file an application with the conservation division requesting temporary abandonment, on a form provided by the conservation division.

(b) One of the following actions shall be taken by the director:

(1) Approval of temporary abandonment of the storage well for one year; or

(2) denial of temporary abandonment if the storage well poses a threat to public health and safety or usable water.

(c) Applications for one-year extensions of temporary abandonment may be granted by the director for a maximum of 10 years. Each application for extension of temporary abandonment shall be filed before the expiration of the previous one-year temporary abandonment period.

(d) Before a temporary abandonment or any extension is granted, a demonstration of the well's internal mechanical integrity may be required by the director by means of a pressure test according to K.A.R. 82-3-1112(d)(1).

(e) If a temporary abandonment application or any extension application is denied and the storage well is not placed back in service, the storage well shall be deemed permanently abandoned and shall be plugged in accordance with K.A.R. 82-3-1118. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1115. Temporary abandonment of a storage facility. (a) Any operator of a CO_2 storage facility may temporarily abandon the storage facility upon submitting written notice to the conservation division. The notice shall be submitted to the conservation division at least 90 days before the temporary abandonment. The notice shall include the following:

(1) The date on which the storage facility is to be temporarily abandoned;

(2) the projected temporary abandonment period;

(3) the monitoring procedures to be utilized at the facility during the temporary abandonment period;

(4) the temporary abandonment applications for each CO_2 storage well filed according to K.A.R. 82-3-1114, except any CO_2 storage wells for which temporary abandonment has already been approved; and

(5) any other relevant information required by the conservation division.

(b) One of the following actions shall be taken by the director:

(1) Approval of temporary abandonment of the storage facility for one year; or

(2) denial of temporary abandonment if the storage facility poses a threat to public health and safety or usable water.

(c) Applications for one-year extensions of temporary abandonment may be granted by the director for a maximum of 10 years. Each application for extension of temporary abandonment shall be filed before the expiration of the previous one-year temporary abandonment period. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1116. Application for decommissioning and abandonment of storage facility. Any operator of a CO_2 storage facility may permanently decommission and abandon the storage facility upon application to, and approval from, the conservation division. The application shall be submitted at least 90 days before the beginning of decommissioning activities and shall contain a detailed decommissioning plan that includes the following:

(a) The anticipated date on which the storage facility will cease injection and withdrawal;

(b) the anticipated storage reservoir pressure after injection and withdrawal cease;

(c) a schedule for abandoning the storage facility, including when and how all equipment and buildings will be abandoned and when the CO_2 storage wells will be plugged;

(d) the name and address of persons responsible for any equipment and buildings to be left in place;

(e) an updated closure plan as required by K.A.R. 82-3-1101;

(f) the method of monitoring to demonstrate the containment, pressure, and position of the CO_2 plume during the closure period; and

(g) any other relevant information that the director may require to ensure the protection of public health and safety and usable water, considering the unique conditions of the storage facility. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1117. Postclosure determination. (a) Each CO_2 storage facility operator seeking a postclosure determination shall submit an application to the conservation division.

(b) The CO_2 storage facility operator shall demonstrate that both of the following conditions are met before postclosure status may be granted:

(1) The CO_2 plume has stabilized, is contained within the storage reservoir, and is not a threat to public health and safety and usable water.

(2) The CO_2 storage reservoir pressure is stable.

(c) If the application is denied, the closure period activities shall continue as directed by the director.

(d) Upon written approval of postclosure status, the operator shall plug the remaining monitor wells in accordance with K.A.R. 82-3-1118. After the remaining monitor wells are plugged, the CO_2 storage facility permit shall be revoked. (Authorized by and implementing K.S.A. 2008 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1118. Plugging methods and procedures, plugging report, and plugging fee for CO_2 storage wells. (a) Each CO_2 storage well shall be plugged in accordance with a plugging plan submitted by the operator and approved by the director. Before commencing any plugging operations, the operator shall perform the following:

(1) Provide a written plugging plan to the appropriate conservation division district office and the conservation division central office at least 30 days before the planned commencement of plugging operations;

(2) demonstrate that each well to be plugged has internal and external mechanical integrity to ensure the long string casing and cement left in the subsurface after plugging have integrity; and

(3) complete one of the following operations:

(A) Set a mechanical bridge plug or other control device approved by the director immediately above the CO_2 storage reservoir or storage reservoirs; or

(B) place a cement plug across and above the CO_2 storage reservoir or storage reservoirs by a method approved by the appropriate conservation division district office.

(b) After each storage well is plugged, the operator shall meet the following requirements:

(1) File a plugging report in accordance with K.A.R. 82-3-117; and

(2) pay a plugging fee in accordance with

K.A.R. 82-3-118. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1119. Fees for CO_2 storage facilities and CO_2 storage wells. (a) For a storage facility permit application filed according to K.A.R. 82-3-1101, each applicant shall submit a fee of $4,500. In addition, for each CO_2 storage well included in the permit application, the applicant shall submit a fee of $100.

(b) For any application to amend a storage facility permit filed according to K.A.R. 82-3-1103, each applicant shall submit a fee of $250.

(c) The operator shall pay an annual fee of $1,000 for each active or inactive unplugged CO_2 storage well located within the boundary of the storage facility.

(1) The total annual well fee shall be based on the number of the operator's CO_2 storage wells in existence on the first day of November each year.

(2) The operator shall remit the total annual well fee in a single check to the conservation division, on or before the last day of January each year.

(d) The operator shall quarterly pay to the conservation division a fee of five cents per ton of CO_2 injected. The funds shall be held in the carbon dioxide injection well and underground storage fund to be used for the purposes specified in K.S.A. 55-1638(b), and amendments thereto.

(e) All fees shall be nonrefundable. (Authorized by and implementing K.S.A. 2007 Supp. 55-1637; effective Feb. 26, 2010.)

82-3-1120. Penalties. Monetary penalties in accordance with K.S.A. 55-1639 and amendments thereto may be assessed by the commission against any CO_2 storage facility operator violating any of the provisions of K.A.R. 82-3-1100 through K.A.R. 82-3-1119. (Authorized by and implementing K.S.A. 2007 Supp. 55-1639; effective Feb. 26, 2010.)

82-3-1200. Definitions; compressed air energy storage. The terms and definitions in K.A.R. 82-3-101, with some definitions modified as follows, shall apply to these regulations for compressed air energy storage, in addition to the new terms and definitions specified: (a) "Abandonment" means the process of plugging all compressed air energy storage wells and removing all surface equipment at a storage facility.

(b) "Air" means the portion of the atmosphere, external to buildings, to which the general public has access.

(1) "Cushion air" means the volume of air maintained as permanent air storage inventory throughout compressed air energy storage operations.

(2) "Working air" means any air in a compressed air energy storage cavern or reservoir in addition to the cushion air.

(c) "Certified laboratory" means a laboratory certified by the Kansas department of health and environment.

(d) "Class I injection well" means any of the following:

(1) Any well used by a generator of hazardous waste, or an owner or operator of a hazardous waste management facility, to inject hazardous waste beneath the lowermost formation containing an underground source of drinking water within one-quarter mile of the wellbore;

(2) any industrial or municipal disposal well that injects fluids beneath the lowermost formation containing an underground source of drinking water within one-quarter mile of the wellbore; or

(3) any radioactive waste disposal well that injects fluids below the lowermost formation containing an underground source of drinking water within one-quarter mile of the wellbore.

(e) "Compressed air energy storage" means the process of compressing and injecting air into an underground geologic stratum and withdrawing the air to generate electricity.

(f) "Compressed air energy storage cavern" and "cavern" mean an underground cavity, created in a bedded salt formation by solution mining, where compressed air is stored.

(g) "Compressed air energy storage reservoir" and "reservoir" mean a porous geologic stratum, vertically separated from overlying usable water formations by a laterally continuous vertical flow barrier, where compressed air is stored.

(h) "Compressed air energy storage well" and "storage well" mean a well capable of injecting air from the surface into a cavern or reservoir, or withdrawing air from the cavern or reservoir to the surface, including any wellbore tubular good, wellhead, air flow line, brine line, and surface equipment used to maintain cavern or reservoir integrity, through the last positive shutoff valve.

(1) "Active well" means a storage well that is not in plugging-monitoring status and is not plugged.

(2) "Cavern storage well" means a storage well

used to inject air into or withdraw air from a cavern.

(3) "Reservoir storage well" means a storage well used to inject air into or withdraw air from a reservoir.

(A) "Injection well" means a reservoir storage well used to inject compressed air from the surface into a reservoir.

(B) "Withdrawal well" means a reservoir storage well used to withdraw compressed air from the reservoir to the surface.

(i) (1) "Compressed air energy storage facility" and "storage facility" mean the cavern or reservoir, the leased acreage above a cavern or reservoir and within a storage facility boundary, and the following:

(A) Electrical generating facility;

(B) equipment used to maintain cavern or reservoir storage integrity;

(C) injection and withdrawal flow line, valve, and equipment connecting the electrical generating facility to a storage well; and

(D) storage well, observation well, and monitoring well.

(2) (A) "Cavern storage facility" means a storage facility that utilizes a cavern.

(B) "Reservoir storage facility" means a storage facility that utilizes a reservoir.

(j) "Corrosion control system" means any process used to prevent corrosion at a storage facility, including cathodic protection, metal coating, corrosive inhibiting fluid, and non-corrosive internal lining.

(k) "Decommission" means to declare in writing that air injection and withdrawal activities will cease at the operator's storage facility.

(l) "Electrical generating facility" means a building or area that contains the equipment used to generate electricity, including any air compressor train, recuperator, expander, and combustion turbine, but not including any brine line, air flow line located outside the electrical generating facility, or surface equipment used to maintain cavern or reservoir mechanical integrity.

(m) "Excavated mine cavity" means a rock formation with a portion of the rock material removed, not including any cavern created by solution mining.

(n) "First fill" means the process of filling the cavern storage well and cavern with air and displacing saturated brine to the surface.

(o) "Fracture gradient" means the ratio of pressure per unit of depth, measured in pounds per square inch per foot, that if applied to a subsurface formation would cause the formation to physically fracture.

(p) "Kansas board of technical professions" means the state board responsible for licensing persons to practice engineering, geology, and land surveying in Kansas.

(1) "Licensed professional engineer" means a professional engineer licensed to practice engineering in Kansas by the Kansas board of technical professions.

(2) "Licensed professional geologist" means a geologist licensed to practice geology in Kansas by the Kansas board of technical professions.

(3) "Licensed professional land surveyor" means a professional land surveyor licensed to practice land surveying in Kansas by the Kansas board of technical professions.

(q) "Leak" means any loss of air or harmful substances at the surface, including a loss from the wellhead, tubing, casing, around the packer, or an air flow line located outside an electrical generating facility.

(r) "Leak detector" means any device capable of detecting, by chemical or physical means, a leak of harmful substances or air.

(s) "License" means the revocable, written permission issued by the director to an operator to conduct compressed air energy storage activities.

(t) "Liner" means steel casing installed and cemented in the production casing.

(u) "Liquefied petroleum gas" and "LPG" mean any byproduct or derivative of oil or gas, including propane, butane, isobutane, and ethane, maintained in a liquid state by pressure and temperature conditions.

(v) "Loss of containment" means any migration of air beyond any boundary of a cavern storage well or reservoir storage facility.

(w) "Maximum allowable operating pressure" means the maximum pressure authorized by the director and measured at the wellhead.

(x) "Maximum operating pressure" means the maximum pressure measured at the wellhead over a 24-hour period.

(y) "Monitoring well" means a well used to sample and monitor a usable water aquifer.

(1) "Deep monitoring well" means a monitoring well used to sample and monitor the deepest usable water aquifer at a storage facility.

(2) "Shallow monitoring well" means a monitoring well used to sample and monitor the shallowest usable water aquifer at a storage facility.

(z) "Natural thermal gradient" means the ratio of degrees Fahrenheit per foot that exists in a subsurface formation before any well-drilling activity.

(aa) "Normal operating condition" means that the wellhead master valve, each positive shutoff valve, and each manual valve at a storage facility can be fully opened and closed with reasonable ease and can hold pressure in the closed position.

(bb) "Observation well" means a well used to detect or monitor a loss of containment associated with a cavern or reservoir.

(cc) "Operator" means the person recognized by the director as responsible for the physical operation and control of a storage facility.

(dd) "Packer" means an expandable mechanical device used to seal off any section of a well to cement, test, or isolate the well from a completed interval.

(ee) "Permit" means the revocable, written permission issued by the director for a compressed air energy storage facility to be used by a licensee.

(ff) "Pit" means any constructed, excavated, or naturally occurring depression upon the surface of the earth. This term shall include any surface pond.

(1) "Containment pit" means a temporary pit constructed to aid in the cleanup and to temporarily contain fluids resulting from oil and gas activities that were spilled as a result of immediate, unforeseen, and unavoidable circumstances.

(2) "Drilling pit" means any pit, including reserve pits and working pits, used to temporarily confine fluid or waste generated during the drilling or completion of any storage well, monitoring well, or observation well.

(3) "Emergency pit" means a permanent pit that is used for the emergency storage of fluid discharged as a result of any equipment malfunction.

(4) "Haul-off pit" means a pit used to store spent drilling fluids and cuttings that have been transferred from an area where surface geological conditions preclude the use of an earthen pit.

(5) "Reserve pit" means a pit used to store spent drilling fluids and cuttings that have been transferred from a working pit.

(6) "Settling pit" means a pit used for the collection or treatment of fluids.

(7) "Working pit" means a pit used to temporarily confine fluids or waste resulting from the drilling or completion of any storage well, monitoring well, or observation well.

(8) "Workover pit" means a pit used to contain fluids during the performance of remedial operations on a previously completed well.

(gg) "Plugged well" means a well that is filled with cement and abandoned.

(hh) "Plugging-monitoring status" means the status of a cavern storage well that is filled with saturated brine to monitor cavern pressure stabilization from the surface.

(ii) "Saturated brine" means saline water with a sodium chloride concentration greater than or equal to 90 percent.

(jj) "Solutioning" means the process of injecting fluid into a well to dissolve or remove any rocks or minerals, including salt.

(kk) "Supervisory control and data acquisition system" and "SCADA system" mean an automated surveillance system used to monitor and control storage activities from a remote location.

(ll) "Usable water" means water containing not more than 10,000 milligrams of total dissolved solids per liter. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1201. Licensing; financial assurance. (a) License required.

(1) No operator shall perform either of the following without first obtaining or renewing a license:

(A) Test, construct, convert, operate, or abandon any storage facility; or

(B) drill, complete, service, operate, or plug any storage well.

(2) Each operator shall maintain a current license until the storage facility has been abandoned and each storage well has been plugged and abandoned, in accordance with commission regulations.

(3) Each operator shall submit a completed license renewal form to the conservation division annually on or before November 1.

(b) License requirements. Each applicant for a new license or a license renewal shall be in compliance with all applicable laws as required in subsection (f) and shall submit the following items to the conservation division:

(1) An application meeting the requirements of subsection (c);

(2) a license application fee of $1,500;

(3) financial assurance pursuant to subsection (e); and

(4) a detailed written estimate, signed by a licensed professional engineer or licensed profes-

sional geologist, of the current cost to plug all storage wells and abandon the storage facility.

(c) License application. Each applicant for a new license or a license renewal shall file with the conservation division an application providing the applicant's contact information, full legal name, and any other names under which the applicant transacts or intends to transact business under the license. If the applicant is a partnership, association, or similar entity, the application shall include the name and address of each partner or member. If the applicant is a corporation, limited liability company, or similar entity, the application shall contain the name and address of each principal officer and the resident agent.

(d) Signature. Each applicant for a new license or a license renewal shall sign the license application. If the applicant is a partnership, association, or similar entity, at least one partner or member shall sign. If the applicant is a corporation, limited liability company, or similar entity, at least one principal officer shall sign.

(e) Financial assurance. Each operator shall provide financial assurance in an amount determined by the director. The financial assurance shall be signed as specified in subsection (d). The operator shall continue to provide financial assurance until all storage wells are plugged and abandoned and the storage facility is abandoned, according to commission regulations.

(f) Compliance with applicable laws.

(1) If the applicant is registered with the federal securities and exchange commission, the applicant shall demonstrate to the commission that the applicant complies with all requirements of K.S.A. 55-101 et seq. and K.S.A. 66-1272 through 66-1279 and amendments thereto, all implementing regulations, and all commission orders and compliance agreements. The applicant shall file a list of any past or pending administrative proceedings and court proceedings filed in Kansas in which the applicant was a party. The list shall include a brief description of the outcome of each proceeding.

(2) (A) If the applicant is not registered with the federal securities and exchange commission, the applicant shall demonstrate to the commission that the following individuals comply with all requirements of K.S.A. 55-101 et seq. and K.S.A. 66-1272 through 66-1279 and amendments thereto, all implementing regulations, and all commission orders and compliance agreements:

(i) The applicant;

(ii) any officer, director, partner, or member of the applicant; and

(iii) any stockholder owning in the aggregate more than five percent of the stock of the applicant.

(B) The applicant shall file a list of any past or pending administrative proceedings and court proceedings filed in Kansas in which any person or entity listed in paragraphs (f)(2)(A)(i) through (iii) was a party. The list shall include a brief description of the outcome of each proceeding.

(g) License issuance; term. If the application is approved by the conservation division, a license shall be issued to the applicant. Each license shall be effective for a maximum of one year, unless suspended or revoked by the commission, and shall expire on January 31 of each year.

(h) Denial of application. An application for a license or a license renewal may be denied by the conservation division if the applicant has not satisfied the requirements of this regulation. Denial of a license application shall constitute a summary proceeding under K.S.A. 77-537 and amendments thereto. Denial pursuant to paragraph (f)(1) or (f)(2) shall be considered a license revocation.

(i) License revocation. If a license is revoked, no new license shall be issued to the operator or contractor until one year has passed since the revocation date and the operator has satisfied the requirements of this regulation.

(j) Notification of changes. Each operator shall notify the conservation division in writing within five business days of any change in information provided as part of the license application. If the change would result in the operator being required to provide additional financial assurances, the operator shall submit the additional financial assurances within 30 days of the change. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1202. Signatory; signature for reports. (a) Each operator shall designate one signatory to sign and verify any permit application, amendment application, and facility permit transfer, who shall be one of the following:

(1) If the applicant is a sole proprietor, the signatory shall be that person.

(2) If the applicant is a partnership, association, or similar entity, the signatory shall be a partner or member.

(3) If the applicant is a corporation, limited li-

ability company, or similar entity, the signatory shall be a principal officer.

(b) The signatory specified in subsection (a) shall submit a signature statement to the director on a form provided by the conservation division.

(c) Each operator shall ensure that each submitted report that is not required to be signed by a licensed professional geologist, licensed professional engineer, or licensed professional land surveyor is signed by one of the following:

(1) A plant or operations manager;

(2) a superintendent;

(3) a cavern or reservoir storage specialist; or

(4) a person holding a position with responsibility at least equivalent to those positions specified in paragraphs (c)(1) through (3). (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1203. Permit required; permit application. (a) No operator shall test, construct, convert, operate, or abandon a storage facility, or drill, complete, service, operate, or plug any storage well, without first obtaining a permit from the conservation division. No operator shall be eligible for a permit without first obtaining a license.

(b) Each operator applying for a permit shall submit a permit application on a form provided by the conservation division at least 180 days before the operator intends to perform any compressed air energy storage activities. The operator shall submit an original and two copies of the application.

(c) Each operator shall submit the following with the permit application:

(1) The operator name and license number;

(2) the name of the proposed compressed air energy storage facility;

(3) the permit application fee and any applicable plan fees pursuant to K.A.R. 82-3-1223;

(4) a signed statement verifying that the operator possesses the necessary surface and mineral rights for operation of the storage facility;

(5) plan view maps pursuant to subsection (d);

(6) a site selection plan pursuant to K.A.R. 82-3-1208;

(7) a drilling and completion plan pursuant to K.A.R. 82-3-1209;

(8) a storage facility integrity plan pursuant to K.A.R. 82-3-1210;

(9) if the permit application is for cavern storage, a cavern storage well workover plan pursuant to K.A.R. 82-3-1211;

(10) a storage well integrity plan pursuant to K.A.R. 82-3-1212 or K.A.R. 82-3-1213;

(11) a long-term monitoring, measurement, and testing plan pursuant to K.A.R. 82-3-1214 or K.A.R. 82-3-1215;

(12) a safety and emergency response plan pursuant to K.A.R. 82-3-1216;

(13) a plugging-monitoring status plan pursuant to K.A.R. 82-3-1218;

(14) a plugging plan pursuant to K.A.R. 82-3-1219;

(15) a decommissioning plan pursuant to K.A.R. 82-3-1221; and

(16) any other information that the conservation division may require, if clarification of submitted information is needed for the director to consider the application.

(d) Each operator shall submit the following maps with the permit application:

(1) A plan view map showing the locations of all plugged or unplugged wells of any type, including any well used for production of oil or gas, water supply or injection, solution mining, storage operations, monitoring, or corrosion control, within a one-quarter mile radius of the proposed storage facility boundary;

(2) the plan view map listed in paragraph (d)(1) overlaid with a surface topography map; and

(3) a plan view map, surface topography map, and aerial photo identifying any of the following within a two-mile radius of each proposed storage facility boundary:

(A) Manufactured surface structure, including any industrial or agricultural facility;

(B) utility having a right-of-way, including any wind generator, electrical transmission line, or pipeline;

(C) incorporated city or township;

(D) active or abandoned excavated mine cavity, including the room and tunnel layout;

(E) active or abandoned solution mining facility, including any well;

(F) active or abandoned LPG, crude oil, or natural gas storage facility, including any well;

(G) active or abandoned underground porosity gas storage facility;

(H) navigable water; and

(I) floodplain or area prone to flooding.

(e) After reviewing any permit application, one of the following shall be issued by the director:

(1) A permit pursuant to the permit application;

(2) a permit that includes additional require-

ments agreed upon by the applicant and the director; or

(3) a permit denial, including an explanation of why the permit is denied.

(f) Each operator shall submit the updated information in paragraphs (c)(5) through (c)(16) within 30 days of a request by the director, if updated information is necessary for full consideration of the permit application. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1204. Notice of application; publication; protest. (a) Each operator applying for a permit shall provide a copy of the application to the following:

(1) Each operator of record of a mineral lease within one-quarter mile of each boundary of the proposed storage facility;

(2) each owner of record of the minerals in unleased acreage within one-quarter mile of each boundary of the proposed storage facility; and

(3) each surface owner of land where the proposed storage facility will be located.

(b) The operator shall publish notice of the application once each week for two consecutive weeks in the official county newspaper of each county where any lands affected by the application are located, once in the Kansas register, and once in a newspaper of general circulation in Sedgwick County.

(c) The operator shall include the following information in the published notice:

(1) The name and address of the operator;

(2) a brief description of the operations that will be performed at the proposed storage facility, including whether cavern storage or reservoir storage operations will be performed;

(3) the name, address, and telephone number of a contact person for further information, including copies of the application;

(4) the name and address of the conservation division's central office; and

(5) a brief statement that any interested party may file a protest with the conservation division within 30 days and request a hearing.

(d) Any interested party may file a protest within 30 days after publication of the notice of the application.

(1) The protest shall be submitted in writing and shall include the following information:

(A) The name and address of the protester;

(B) a clear and concise statement of the direct and substantial interest of the protester in the proceeding;

(C) if the protester opposes only a portion of the proposed application, a description of the objectionable portion; and

(D) a statement of whether the protester requests a hearing on the application.

(2) The failure to file a timely protest shall preclude the person from appearing as a protester.

(3) The protester shall serve the protest upon the applicant in the manner described in K.A.R. 82-1-216(a) at the same time or before the protester files the protest with the conservation division.

(e) The application shall be held in abeyance for 30 days from the date of last publication or delivery of notice in subsection (a), whichever is later. If a protest with a request for hearing is filed pursuant to subsection (d) within the 30-day waiting period or if the director deems that a hearing is necessary to protect public safety, usable water, or soil, a hearing on the application shall be held.

(f) The operator shall publish notice of the hearing in the same manner as that required by subsection (b). The notice shall include the following information:

(1) The information specified in paragraphs (c)(1) through (c)(4);

(2) a statement that any member of the public who is not intervening in the matter may attend the hearing without prior notice, except that each person requiring special accommodations under the Americans with disabilities act shall notify the conservation division at least 10 days before the hearing;

(3) a statement that the applicant and any intervening person shall prefile written direct testimony pursuant to K.A.R. 82-1-229; and

(4) the date, time, and location of the hearing. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1205. Permit amendment. (a) Each operator shall file an application to amend that operator's permit if any of the following conditions is met:

(1) The proposed activity would result in a substantial change to the storage facility, including a change in the rate, pressure, or volume of injected air.

(2) The proposed activity could result in a threat to public safety, usable water, or soil.

(3) The size of the storage facility would be expanded or contracted.

(4) A storage well would be drilled, or an existing well would be converted to a storage well.

(5) An amendment is necessary for the permit to meet the requirements of any statute, regulation, or commission order.

(b) Each operator seeking a permit amendment shall file a signed application to amend the permit, on a form provided by the conservation division, at least 90 days before the proposed date of the activity described in the application. The operator shall submit an original and two copies of the application to the conservation division.

(c) Notice of the amendment application and the protest period shall be as provided in K.A.R. 82-3-1204. Each protest shall address a change proposed by the application for a permit amendment. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1206. Permit transfer. (a) No operator shall transfer a permit to another operator without the prior approval of the director.

(b) The transferring operator shall notify the conservation division, on a form provided by the conservation division, of the intent to transfer the permit at least 30 days before the proposed date of the transfer.

(c) The notification shall contain the following information:

(1) The name, address, and license number of the transferring operator;

(2) the permit number and the name of the storage facility;

(3) a list of all storage wells listed on the permit;

(4) the proposed effective date of transfer;

(5) the signature of the transferring operator and the date signed;

(6) the name, address, and license number of the transferee operator;

(7) a signature statement form signed by the signatory for the transferee operator, pursuant to K.A.R. 82-3-1202; and

(8) any other information that the conservation division may require, if clarification of any of the submitted information is needed for the director to review the permit transfer.

(d) The transferee operator shall provide financial assurance pursuant to K.A.R. 82-3-1201(e) before the transfer may be approved by the director.

(e) The transferee operator shall reproduce and sign the most recent version of each plan that was previously submitted pursuant to K.A.R. 82-3-1203(c) by the transferring operator.

(f) Within 90 days of approval of a permit transfer, the transferee operator shall update the identification signs at the storage facility to include the transferee operator information. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1207. Permit modification, suspension, and cancellation. (a) A permit may be modified, suspended, or canceled by the director after notice and opportunity for hearing if any of the following conditions is met:

(1) A substantial change in the operation of the storage facility, including a change in the rate, pressure, or volume of injected air, has occurred.

(2) Material deviations from the information originally provided to the conservation division occur or are discovered and could affect the ability of the storage facility or storage wells to be operated in a manner that protects public safety, usable water, and soil.

(3) The permit, for any reason, no longer meets the requirements of any statute, regulation, or commission order.

(b) All operations at a storage facility shall cease upon suspension or cancellation of the permit for that storage facility. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1208. Site selection. (a) No operator shall test, construct, convert, or operate a storage facility without a site selection plan approved by the director. The operator shall submit a proposed site selection plan to the conservation division that includes all information specified in, and demonstrates compliance with, subsections (b) through (k).

(b) Each operator shall submit to the conservation division an area of review evaluation, signed by a licensed professional engineer or licensed professional geologist, identifying any plugged or unplugged well of any type, including any well used for production of oil or gas, water supply or injection, solution mining, storage operations, monitoring, or corrosion control, that penetrates the storage facility and is located within one-quarter mile of any proposed boundary. The area of review evaluation shall contain any information available from public records, publicly accessible data, or the operator's records.

(1) The operator shall indicate whether each well has been properly constructed or plugged to protect public safety, usable water, and soil.

(2) The operator shall include a schedule to correct or plug any well that is not properly constructed or plugged to protect public safety, usable water, and soil, including any well that does not have adequate cement to isolate any storage cavity or storage reservoir from any reservoir in the well, or adequate cement behind the casing.

(c) Each operator shall submit the proposed boundaries of the storage facility.

(1) No reservoir storage facility boundary may be approved by the conservation division unless each reservoir storage well is located at least 150 feet from each boundary.

(2) No storage facility boundary may be approved by the conservation division unless the boundary is located at least two miles from each of the following:

(A) Active or abandoned excavated mine cavity;

(B) solution mining operation facility boundary;

(C) LPG, crude oil, or natural gas storage facility boundary;

(D) underground porosity gas storage facility boundary; and

(E) any incorporated city or organized township.

(d) (1) Each operator of a cavern storage facility shall demonstrate that any potential surface subsidence event would remain within the storage facility boundary. No cavern storage facility boundary may be approved by the director unless each of the following is located at least 100 feet from the cavern wall:

(A) Land owned by a surface owner who has not submitted to the operator a signed consent form stating that there is no objection to storage;

(B) any building or structure not owned by the cavern storage facility's owner;

(C) any utility with a right-of-way, including any wind generator, electrical transmission line, or pipeline; and

(D) any railroad, road, or highway.

(2) A distance greater than 100 feet may be required if the director determines that a greater distance is necessary to protect public safety, usable water, or soil.

(e) No cavern having a maximum horizontal diameter of greater than 300 feet may be approved by the director.

(f) Each cavern storage well shall be located so that each cavern wall is at least 100 feet from each cavern wall of any offset storage cavern. The operator shall consider the cavern spacing-to-diameter ratio, cavern pressure differentials, frequency of cavern injection and withdrawal cycles, and cavern shape, size, and depth.

(g) Each operator of a cavern storage facility shall submit the proposed salt roof thickness, which shall be at least 100 feet measured from the top of the bedded salt formation to the cavern roof, unless otherwise approved by the director.

(h) Each operator shall submit a regional geological evaluation and a local geological evaluation covering an area within one-quarter mile outside each storage facility boundary, for all formations between the surface and the top of the proposed cavern or reservoir, and all formations below the base of the proposed cavern or reservoir to a depth of 300 feet below the base.

(1) If the proposed storage facility is a cavern storage facility, the applicant shall submit the following:

(A) A structure map and stratigraphic cross section identifying any bedded salt formation proposed to be solution mined, usable water formation, regional or local fault zone, structural anomaly, salt thinning due to stratigraphic change, dissolution zone in the salt, and migration pathway that could cause a loss of containment; and

(B) an isopach map of the bedded salt formation identifying any regional or local faulting, dissolution zone in the salt, salt thinning due to any stratigraphic change, and migration pathway that could cause a loss of containment.

(2) If the proposed storage facility is a reservoir storage facility, the applicant shall submit the following:

(A) A structure map and stratigraphic cross section identifying the reservoir and any usable water formation, regional or local fault zone, structural anomaly, structural spill point controlling the containment of air, and migration pathway that could cause a loss of containment; and

(B) an isopach map of the storage reservoir formation identifying any regional or local faulting and any migration pathway that could cause a loss of containment.

(3) Each operator shall submit an updated local geologic evaluation pursuant to subsection (h) within 30 days after any new storage well is drilled and completed, unless otherwise approved by the director.

(i) (1) Each operator shall submit the proposed layout of the storage facility and the equip-

ment design parameters, including the minimum and maximum pressure, temperature, and flow rate requirements for the following:

(A) Each electrical generating facility component, including any compressor train used to increase air pressure, compressor intercooler or aftercooler used to reduce air temperature before injection into any cavern storage well, recuperator, expander, exhaust air stack, and fuel-fired combustion turbine;

(B) any equipment, alarm, or safety device that prevents the injection of water and moisture into a cavern;

(C) each air injection and withdrawal flow line connecting any storage well to the electrical generating facility; and

(D) any flow line, equipment, and class I injection well that is used to dispose of fluids and solids produced during storage well operations.

(2) The operator shall list any air sample location that will be used to monitor the quality of air injected into any storage well.

(3) The layout of the proposed storage facility shall include the following:

(A) Each storage well;

(B) for any plugged or unplugged cavern storage well, the cavern configuration and dimensions associated with each historical sonar survey;

(C) the corrosion control system;

(D) any well in the area of review evaluation submitted pursuant to subsection (b);

(E) any navigable water, floodplain, or area prone to flooding;

(F) any utility having a right-of-way, including any wind generator, electrical transmission line, or pipeline; and

(G) any manufactured surface structure, including any industrial or agricultural facility.

(4) Within 30 days after construction of the storage facility is completed, the operator shall submit an updated layout of the storage facility and the updated equipment design parameters to the conservation division.

(j) No person shall test, construct, convert, or operate a storage facility or drill, complete, service, plug, or operate any storage well in either of the following types of geological strata:

(1) A porous geologic stratum containing usable water; or

(2) an excavated mine cavity.

(k) No site selection plan may be approved by the director if underground communication between cavern storage wells exists. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1209. Design and construction of storage well. (a) Each operator shall drill and complete each storage well, including the conversion of an existing well of any type to a storage well or the conversion of a storage well to any other type of well, according to a drilling and completion plan signed by a licensed professional engineer or licensed professional geologist and approved by the director. The operator shall submit the plan on a form provided by the conservation division at least 90 days before the proposed date of drilling or completion. The operator shall supplement the plan by submitting open hole logs within 30 days after completing the well. The operator submitting a proposed drilling and completion plan shall include the following:

(1) (A) The operator shall submit, within 30 days of completing any well, the following open hole logs, one on a scale of five inches equals 100 feet, and one on a scale of two inches equals 100 feet, from the surface to the deeper of the base of the storage cavern or reservoir or the total depth of the storage well:

(i) Spectral gamma ray;

(ii) spontaneous potential;

(iii) density;

(iv) photoelectric;

(v) caliper;

(vi) for cavern storage wells, dipole sonic for evaluating mechanical rock properties, logged at least from the base of the cavern or the total depth of the storage well to 100 feet above the top of the confining layer of the bedded salt formation; and

(vii) neutron log, with the source registered in Kansas.

(B) The operator may submit an open hole log that is substantially similar to an open hole log specified in paragraph (a)(1)(A) if the operator demonstrates that the substitute open hole log provides sufficient data for the director to determine whether the well is constructed in a manner that protects public safety, usable water, and soil.

(2) (A) The operator shall submit, within 30 days of completing any well, the following cased hole logs, with one on a scale of five inches equals 100 feet and one on a scale of two inches equals 100 feet:

(i) Casing collar log and gamma ray;

(ii) temperature survey showing the natural thermal gradient of the cavern; and

(iii) cement evaluation log, performed after the neat cement has cured for at least 72 hours.

(B) The operator may submit a cased hole log that is substantially similar to the cased hole logs specified in paragraph (a)(2)(A) if approved by the director.

(3) The operator shall submit a water quality test performed by a certified laboratory demonstrating that there is no usable water in the proposed storage reservoir.

(4) The operator shall provide at least one core for each cavern storage facility, including both the bedded salt formation interval and a portion of the overburden. The applicant shall use core drilling procedures, a coring interval, and a core analysis that are approved by the director. The operator may use an offset storage facility core if the offset storage facility core represents the local geology at the proposed storage facility. The operator shall make the core available for inspection if requested by the director. The operator shall submit a core analysis report to the conservation division within 30 days after the core analysis is completed.

(5) (A) The core analysis shall include petrographic, geochemical, and geomechanical rock properties for the overburden and bedded salt formation at intervals approved by the director. The core analysis and the petrographic, geochemical, and geomechanical rock properties shall include the following:

(i) Indirect tensile strength tests;

(ii) triaxial compression tests; and

(iii) triaxial creep tests defining the time-dependent creep deformation characteristics of the salt.

(B) The core analysis shall include a geomechanical and geochemistry evaluation used to predict reactions between air and shale and reactions between salt and shale, including any potential contaminant from fuel-fired combustion turbine exhaust at the electrical generating facility.

(C) The overburden pressure for the bedded salt formation shall be considered when determining geomechanical rock properties.

(D) Permeability and porosity shall be determined for any rock formations layered within the salt formation, except shale layers deposited within the salt formation or the upper confining layer of the layered salt formation.

(E) A gamma ray log of the core shall be correlated with the well's cased hole gamma ray and casing collar locator logs.

(6) The operator shall provide documents demonstrating that each storage well will be drilled and completed pursuant to subsections (b) through (u).

(b) Each operator of a storage well shall equip, complete, and operate the storage well to protect public safety, usable water, and soil, and to confine air in the tubing, production casing, and the storage cavern or reservoir.

(c) Each operator shall use only equipment that can withstand exposure to injected and withdrawn air, including surface, intermediate, and production casing, production tubing, packers, and packer elements.

(d) Each operator shall equip each storage well with surface casing.

(1) The surface casing shall be set below all usable water formations in accordance with "table I: minimum surface casing requirements," dated February 2003 and incorporated into commission order in docket number 34,780-C (C-1825), which is hereby adopted by reference.

(2) The surface casing string shall be equipped with centralizers. The number of centralizers shall be determined as follows:

(A) If the surface casing string is less than 250 feet long, the operator shall at a minimum install one centralizer on the collar of the second joint of the surface casing and one centralizer on the collar of the last joint of the surface casing.

(B) If the surface casing string is 250 feet long or more, the operator shall install the two centralizers specified in paragraph (d)(2)(A) and shall ensure that at least one centralizer is installed every four joints of casing throughout the surface casing string.

(3) The annular space between the casing and the formation shall be filled with cement, and the cement shall be circulated to the surface.

(e) Each operator shall ensure that the surface casing, production casing, and tubing strings meet the standards specified in either of the following, which are hereby adopted by reference:

(1) "Bulletin on performance properties of casing, tubing, and drill pipe," API bulletin 5C2, as published by the American petroleum institute in October 1999; or

(2) "specification for casing and tubing (U.S. customary units)," API specification 5CT, sixth edition, as published by the American petroleum institute in October 1998, including the appen-

dices and including the errata published in May 1999, but not including the publications listed in section 2.1.

(f) Each operator shall use a casing guide shoe or equivalent device to guide and protect the surface, intermediate, and production casing.

(g) Each operator shall use surface, intermediate, and production casing and tubing strings that are either new or reconditioned and the equivalent of new and that have been pressure-tested at the greater of the storage well's maximum allowable operating pressure or the storage facility's air compressor train design. If the casing used is new, the pressure test performed at the manufacturing mill or fabrication plant shall fulfill this requirement.

(h) The operator shall use surface, intermediate, and production casing, tubing, and liners that are rated for at least 125 percent of the maximum allowable operating pressure for the storage well or 125 percent of the storage facility's air compressor train design, whichever is greater.

(i) Each operator shall equip all intermediate and production casing with centralizers and scratchers.

(j) Each operator shall ensure that any cavern storage well is constructed as follows:

(1) The production casing shall be set in the upper part of the bedded salt formation. The production casing shall not extend less than 105 feet into the upper part of the bedded salt formation unless otherwise approved by the director if the operator demonstrates that the installation of the production casing will protect public safety, usable water, and soil.

(A) No permeable formation within the bedded salt formation shall be exposed to the cavern.

(B) Each operator shall demonstrate that any shale layer within the bedded salt formation will not lose integrity if exposed to storage operations.

(2) Liners shall extend from the surface to a depth near the bottom of the production casing, allowing room for any workover operation.

(3) Each operator shall obtain the director's approval before performing any remedial casing repair.

(k) Each operator shall ensure that each storage well is cemented as follows:

(1) Production casing set in a cavern storage well and any intermediate casing string shall be cemented with sufficient cement to fill the annular space between the casing and wellbore to the surface, including the innermost casing or liner that extends the entire length of the production casing.

(2) All intermediate or production casing strings set in a reservoir storage well shall be cemented with sufficient cement to fill the annular space either to 500 feet above the top of the storage reservoir or to the surface.

(3) The cement shall be compatible with the rock formation waters and drilling fluids. Salt-saturated cement shall be used in any bedded salt formation.

(4) Liners set in the casing shall have cement circulated from the bottom of the liner to the top of the liner. If the cement does not circulate, the annulus between the liner and casing shall be equipped to allow the annulus to be monitored and tested for mechanical integrity.

(5) Circulated cement shall have a compressive strength of at least 1,000 pounds per square inch.

(6) Each operator shall perform remedial cementing if there is evidence of either of the following:

(A) Communication between the confining zone and other horizons; or

(B) annular voids that could allow fluid contact with the casing or channeling across or above the confining zone.

(l) Each operator shall equip each reservoir storage well as follows:

(1) The well shall have a tubing and packer completion if any intermediate or production casing string does not have cement circulated to the surface or if the cement is not circulated from the bottom to the top of a liner set in the casing.

(2) The packer shall be set at a depth that is opposite a cemented interval of the production casing and no more than 50 feet above the uppermost perforation or open hole for the storage reservoir.

(m) Each operator shall equip the wellhead of any storage well with manual isolation valves and shall equip each port on the wellhead with either a valve or blind flange, which shall be rated at the same pressure as that of the wellhead.

(n) Each operator shall ensure that the wellhead master valve on each storage well is capable of opening fully and sized to the diameter of the casing or tubing string attached to the valve. The operator shall use a wellhead master valve rated at the same pressure as that of the wellhead.

(o) Each operator shall install a leak detector at any storage well located within 330 feet of an in-

habited residence, commercial establishment, church, school, park, or public building.

(p) Each operator shall equip each storage well with a corrosion control system.

(q) Each operator of a cavern storage well shall submit to the conservation division all monitoring, testing, and reporting documents, including any correspondence with the Kansas department of health and environment, relating to any solution mining operation.

(r) Each operator shall ensure that a licensed professional engineer or licensed professional geologist supervises the installation of each storage well personally or through an agent.

(s) Each operator shall post at each storage well a sign large enough to be legible under normal daytime conditions at a distance of 50 feet, which shall include the following:

(1) The operator's name and license number;

(2) the storage facility's name and the storage well number;

(3) the location of the storage well by quarter section, section, township, range, and county; and

(4) the operator's emergency contact phone number.

(t) Each operator shall submit to the conservation division all supporting documents, logs, and tests within 30 days of drilling or completing any storage well.

(u) Each operator shall use only a pit that is permitted pursuant to K.A.R. 82-3-600. Each operator shall dispose of any waste or fluid pursuant to K.A.R. 82-3-602, 82-3-603, 82-3-604, 82-3-606, and 82-3-607. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1210. Storage facility construction and integrity. (a) Each operator shall equip the storage facility according to a storage facility integrity plan signed by a licensed professional engineer and a licensed professional geologist. The operator shall submit a storage facility integrity plan that includes the following:

(1) A description of how each storage facility will be constructed, equipped, operated, maintained, and abandoned to protect public safety, usable water, and soil; and

(2) information demonstrating that the storage facility and each storage well will meet the requirements of subsections (b) through (l).

(b) Each operator shall equip each air injection flow line and withdrawal flow line connecting the electrical generating facility to any storage well with a manually operated positive shutoff valve at the following locations:

(1) Within 20 feet of the electrical generating facility;

(2) on the wellhead of each storage well; and

(3) within 15 feet of any class I injection well located within the storage facility boundary.

(c) Each operator shall ensure that all components of the storage facility meet the following requirements:

(1) Are composed of material capable of withstanding the corrosive nature of the compressed air injected or withdrawn; and

(2) are rated at a minimum of 125 percent of either the maximum allowable operating pressure for each storage well or the air compressor train design, whichever is greater. Each operator shall ensure that the pressure ratings are clearly identified on each flow line, valve, and fitting connecting the storage facility to each storage well.

(d) Each operator shall install equipment to sample and monitor injected air quality, with the air sampling location located at least 30 feet from the electrical generating facility and at each storage well.

(e) (1) Each operator shall install the following at each cavern storage facility:

(A) Within 30 feet of the electrical generating facility or at each cavern storage well, equipment that prevents the injection of water and moisture, including any alarm and safety device; and

(B) a continuously operating SCADA system approved by the director that includes meters and gauges that measure pressure, temperature, water and moisture content, total volume, and flow rate and that automatically closes any air injection and withdrawal line, air compressor train, and brine or water line if an emergency occurs or if any pressure, temperature, total volume, or flow rate meter or gauge fails.

(2) Warning systems for the SCADA system shall consist of pressure, temperature, water and moisture content, total volume, and flow rate sensors connected to an alarm and emergency shutdown instrumentation. The equipment shall be capable of automatically closing all of the following if an emergency occurs:

(A) Air injection and withdrawal flow lines at the storage facility;

(B) the air compressor train;

(C) the brine or water flow lines; and

(D) all wells of any type that are associated with

the cavern storage facility and located within the storage facility boundary.

(3) The SCADA system circuitry shall be designed so that the failure of a pressure, temperature, water and moisture content, total volume, or flow rate meter or gauge will activate the warning system.

(4) The total volume, rate, temperature, and pressure of air injected into or withdrawn from each cavern storage well shall be measured, metered, or gauged with sufficient accuracy and precision to allow the director to determine whether the storage well is operating within the conditions in the permit. The original field record consisting of magnetic tapes, digital electronic data, meter charts, or records of air injected and withdrawn shall be retained for at least five years and made available to the conservation division upon request.

(f) Each operator shall equip each reservoir storage facility as specified in this subsection.

(1) Each operator shall install a continuously operating SCADA system that includes meters and gauges that measure pressure, total volume, and flow rate and that automatically closes any air injection or withdrawal line, air compressor train, and brine or water line if an emergency occurs or if a pressure, total volume, or flow rate meter or gauge fails.

(2) Warning systems for the SCADA system shall consist of pressure, total volume, and flow rate sensors connected to an alarm and emergency shutdown instrumentation. The equipment shall be capable of automatically closing all of the following if an emergency occurs:

(A) Air injection and withdrawal flow lines at the storage facility;

(B) the compressor train at the storage facility;

(C) brine, water, or oil flow lines; and

(D) all wells of any type that are associated with the reservoir storage facility and located within the storage facility boundary.

(3) The SCADA system circuitry shall be designed so that the failure of a pressure, total volume, or flow rate meter or gauge will activate the warning system.

(4) The total volume, rate, and pressure of air injected into or withdrawn from each reservoir storage well shall be measured, metered, or gauged with the accuracy and precision approved by the director. The original field record consisting of magnetic tapes, digital electronic data, meter charts, or records of air injected and withdrawn shall be retained for at least five years and shall be made available to the conservation division upon request.

(g) Each operator shall ensure that each SCADA system is connected by a communication link to the local control room and each remote control center.

(h) Each operator shall ensure that an audible manual warning system is available to storage facility personnel in the local control room and each remote control center.

(i) Each operator shall install and maintain a corrosion control system.

(1) Each operator shall evaluate the corrosion control system in a manner and pursuant to a schedule recommended by the system manufacturer and shall submit the results to the conservation division annually on or before April 1.

(2) Each operator shall ensure that the corrosion control system for cavern storage wells protects the following:

(A) Any storage well casing or liner;

(B) any surface equipment and injection or withdrawal flow line connecting the electrical generating facility to any storage well;

(C) any brine disposal flow line, including the last positive shutoff valve connecting the storage facility with any well of any type at the storage facility; and

(D) any surface equipment, including any brine tank and piping network used for first fill operations or conversion of an active storage well and cavern to plugging-monitoring status.

(3) Each operator shall ensure that the corrosion control system for reservoir storage wells protects the following:

(A) Any storage well casing and liner;

(B) any brine, water, or oil disposal flow line, including the last positive shut off valve connecting the storage facility with any well of any type at the storage facility; and

(C) any surface equipment and injection or withdrawal flow line connecting the electrical generating facility to any storage well.

(j) Each operator shall ensure that the storage facility is equipped with security measures to prevent access by individuals without authorization or a legal right to enter the storage facility, including the following:

(1) Each operator shall post a sign at each entrance to the storage facility large enough to be legible at 50 feet during normal daytime conditions that states the following: the storage facility

name; the operator name and license number; the storage facility location by quarter section, section, township, range, and county; and the operator emergency contact phone number.

(2) Each operator shall ensure that the electrical generating facility is equipped with security lighting and surrounded by a fence located approximately 25 feet outside the electrical generating facility boundary.

(3) Each operator shall ensure that the electrical generating facility is protected from accidental damage by vehicular or shipping traffic.

(k) Each operator shall drill and complete shallow monitoring wells and deep monitoring wells to determine the initial groundwater quality and the effects of any spill or loss of containment on groundwater.

(l) Each operator shall install a leak detector at any storage well located within 330 feet of an inhabited residence, commercial establishment, church, school, park, or public building. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1211. Storage well workover. (a) Each operator shall submit a workover plan to the conservation division at least 10 days before performing any downhole or wellhead work that involves dismantling or removing the wellhead, unless the work is only routine maintenance or the replacement of any gauge, sensor, or valve. If an emergency situation exists, the workover plan requirement may be temporarily waived by the director. Each operator shall submit a detailed summary of the work performed to the conservation division within 30 days of the completion of the workover activity.

(b) Each operator shall determine how long any cavern storage well can safely operate below the minimum allowable pressure limit or cushion air requirement to perform storage facility maintenance or storage well workover activities. If storage facility maintenance or storage well workover activities are not performed within this time frame, the operator shall test or log the storage well according to the long-term monitoring, measurement, and testing plan.

(c) Each operator shall use, during any workover, a blowout preventer with a pressure rating that is sufficient for the anticipated workover operations.

(d) Each operator shall perform all logging procedures through a lubricator unit with a pressure rating that is sufficient for the anticipated workover operations.

(e) Each operator shall provide all relevant well information to any contractor logging a storage well or performing a workover before commencing the log or workover. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1212. Operation, monitoring, and measurement requirements for cavern storage wells. (a) Each operator shall monitor each cavern storage well according to the storage well integrity plan signed by a licensed professional engineer and a licensed professional geologist. The operator shall submit a storage well integrity plan that includes information required by, and demonstrates compliance with, subsections (b) through (n).

(b) Each operator shall monitor the quality of the air to be injected into each storage well before the commencement of storage operations and at least once every 90 days after operations have commenced. The operator shall test for fuel-fired turbine exhaust contaminants, water, and moisture.

(c) Each operator shall report the monitoring results for each cavern storage well to the conservation division, on a form provided by the conservation division, annually on or before April 1.

(d) Each operator shall monitor cavern storage wells daily. If the cavern storage wells consistently operate in a manner that appears to be protective of public safety, usable water, and soil, monitoring according to a time frame based on the air injection and withdrawal cycles may be allowed by the director.

(e) Each operator shall include in the storage well integrity plan descriptions of the equipment, processes, and criteria used to determine the pressure, temperature, water and moisture content, total volume, and air flow rate. Each operator shall report any change in the equipment, processes, and criteria by submitting updated descriptions to the conservation division within 30 days after the change.

(f) Each operator shall install, within 30 feet of the electrical generating facility or at each cavern storage well, equipment including any alarm and safety device that prevents the injection of water and moisture.

(g) Each operator shall equip each cavern storage well with sensors and safety devices to contin-

uously monitor the well and prevent the well from operating outside of the allowable operating limits for pressure, temperature, water and moisture, total volume, and air flow rate. If the cavern storage well is constructed with tubing and a packer, the sensors and safety devices shall also monitor the pressure in the annulus between the casing and tubing for any unexpected increase or decrease in pressure.

(1) The sensors shall be capable of recording maximum and minimum values during a 24-hour period.

(2) Each operator shall submit any monitoring data, including historic continuous monitoring, to the conservation division within 48 hours of a request by the conservation division.

(h) Each operator shall ensure that any cavern storage well conforms to the maximum allowable operating pressure according to the following requirements:

(1) The operator shall perform a site-specific geomechanical core analysis of the fracture gradient that is calibrated to the open hole log for each storage well and determines mechanical rock properties for the bedded salt formation.

(2) The operator shall not subject the cavern to pressures in excess of the maximum allowable operating pressure associated with abnormal operating conditions, including pressure pulsations from the electrical generating facility.

(3) No operator shall allow the maximum allowable operating pressure or test pressure to exceed the lower of either 80 percent of the fracture gradient for the cavern measured in PSIG or 0.8 pounds per square inch per foot of depth, measured at the higher elevation of either the casing seat or the highest interior elevation of the cavern roof.

(i) If underground communication exists between cavern storage wells due to fracturing or coalescing, each operator shall immediately plug all cavern storage wells that are in communication according to a plugging plan submitted pursuant to K.A.R. 82-3-1219.

(j) Each operator shall operate any cavern storage well according to the minimum allowable operating pressure according to site-specific geomechanical studies from core analysis or any representative offset operating history, including any site-specific geomechanical core analysis for LPG, natural gas, or crude oil storage facilities.

(k) Each operator shall operate any cavern storage well within the injection and withdrawal rates and based on casing and tubing limitations, the placement of any production tubing and packer in relation to the salt roof, the stability of the cavern, and the flow rate requirements for the electrical generating facility.

(l) Each operator shall operate each cavern storage well at or below the maximum wellhead temperature based on the natural thermal gradient of the cavern, air temperature variations due to injection and withdrawal operations, heat transfer across the storage cavern wall, and core analysis of the bedded salt formation.

(m) The wellhead injection temperature and the normal thermal gradient of the salt formation shall be in a range that will not significantly increase the time-dependent salt creep of the bedded salt formation.

(n) The operator shall develop an inventory balance plan, as part of the cavern storage well integrity plan, that demonstrates the maximum air injection or withdrawal volume from each storage well. The inventory balance plan shall include the cushion air and working air volumes. The operator shall reevaluate the inventory balance plan whenever monitoring, testing, or logging data indicate that a change in cavern volume has occurred. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1213. Operation, monitoring, and measurement requirements for reservoir storage wells. (a) Each operator shall monitor each reservoir storage well according to a storage well integrity plan signed by a licensed professional engineer and a licensed professional geologist. The operator shall submit a storage well integrity plan that includes information pursuant to, and demonstrates compliance with, subsections (b) through (i).

(b) Each operator shall monitor the quality of air to be injected into each reservoir storage well before the commencement of storage operations and at least once each 12 months after storage operations commence. The analysis of the quality of air shall include consideration of fuel-fired turbine exhaust contaminants.

(c) Each operator shall evaluate the formation water in the reservoir before commencing storage operations.

(d) Each operator shall report the monitoring results for each reservoir storage well to the conservation division, on a form provided by the conservation division, annually on or before April 1.

(e) Each operator shall monitor each reservoir storage well daily. If the reservoir storage well consistently operates in a manner that appears to be protective of public safety, usable water, and soil, monitoring on a time frame based on the air injection and withdrawal cycles may be allowed by the director.

(f) Each operator shall include in the reservoir storage well integrity plan a description of the equipment, processes, and criteria used to determine pressure, total volume, and air flow rate wellhead conditions. Each operator shall monitor and report the pressure, total volume, and air flow rate. If the reservoir storage well is constructed with tubing and a packer, the operator shall also monitor and report the pressure in the annulus between the casing and tubing for any unexpected increase or decrease.

(g) (1) Each operator shall ensure that any reservoir storage well is operated at or below the maximum allowable operating pressure and based on either of the following criteria:

(A) Site-specific geomechanical core analysis of the fracture gradient calibrated to the open hole log for each storage well that determines mechanical rock properties; or

(B) sufficient testing of the reservoir.

(2) The operator shall not subject the reservoir to pressures in excess of the maximum allowable operating pressure associated with abnormal operating conditions, including pressure pulsations from the electrical generating facility.

(3) No operator shall allow the maximum allowable operating pressure to exceed the lower of either 80 percent of the fracture gradient for the storage reservoir or 0.8 pounds per square inch per foot of depth, measured at the top of the reservoir.

(h) Each operator shall operate any reservoir storage well within the injection and withdrawal rates based on casing and tubing limitations, the formation compressibility of the reservoir, and the flow rate requirements for the electrical generating facility.

(i) The operator shall develop an inventory balance plan as part of the reservoir storage well integrity plan that demonstrates the maximum air injection or withdrawal volume for each storage well. The storage volume calculations shall include the cushion air and working air volumes. The operator shall reevaluate the inventory balance plan whenever an additional storage well is drilled and completed. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1214. Long-term monitoring, measurement, and testing for cavern storage facilities and cavern storage wells. (a) Each operator shall perform long-term monitoring, measurement, and testing on any cavern storage facility and cavern storage well pursuant to a long-term monitoring, measurement, and testing plan signed by a licensed professional engineer, a licensed professional geologist, and a licensed professional land surveyor. The operator shall submit a long-term monitoring, measurement, and testing plan that includes the information required by, and demonstrates compliance with, subsections (b) through (n) and includes the information specified in this subsection.

(1) Each operator shall determine the thickness of the salt roof for each cavern storage well with a gamma ray and density log.

(2) Each operator shall demonstrate that each cavern storage well has internal mechanical integrity by performing a nitrogen-brine interface test, liquid-brine interface test, hydraulic casing test, or storage well and cavern pressure test. If the well is constructed with tubing and a packer, the operator may demonstrate internal mechanical integrity by performing a pressure test of the production tubing and production casing annulus.

(3) Each operator shall demonstrate that all cavern storage wells and all caverns have external mechanical integrity by performing a nitrogen-brine interface test, liquid-brine interface test, or storage well and cavern pressure test.

(4) The operator shall evaluate the cement outside the production casing with a cement evaluation log verifying that the cement is adequately bonded, including any innermost casing or liner that extends the entire length of the production casing.

(5) Each operator shall meet the long-term monitoring, measurement, and testing requirements in paragraphs (a)(1), (a)(2), (a)(3), and (a)(4) according to the following:

(A) At least once each five years;

(B) before first fill operations commence;

(C) after first fill operations have been completed;

(D) after any workover involving production casing cemented in the bedded salt formation or the innermost casing or liner that extends the entire length of the production casing;

(E) after converting the storage well to plugging monitoring status;

(F) before commencing plugging operations, if the most recent tests or logs were not performed within the previous five years; and

(G) whenever required by the director, if the director determines that it is necessary to protect public safety, usable water, or soil.

(6) Each operator shall monitor the cavern's storage capacity and geometry with a sonar survey according to the following:

(A) Before first fill operations commence;

(B) after any storage well is converted to plugging-monitoring status;

(C) before plugging the storage well, if the sonar survey was not performed within the previous five years; and

(D) whenever required by the director, if the director determines that it is necessary to protect public safety, usable water, or soil.

(7) Each operator shall evaluate the production casing set and cemented in the bedded salt formation or the innermost casing or liner that extends the entire length of the production casing with a magnetic flux log if the conservation division determines that it is necessary to protect public safety, usable water, or soil.

(8) Each operator shall demonstrate every two years that surface ground subsidence is not occurring at the storage facility by performing a land survey at each storage well until the storage facility is abandoned.

(b) Each operator performing a nitrogen-brine mechanical integrity test to demonstrate internal or external mechanical integrity shall ensure that the test is witnessed by a licensed professional engineer and shall use a pressure for the nitrogen-brine test pressure that is equal to the maximum allowable operating pressure.

(1) The cavern storage well shall be considered to have internal mechanical integrity if the calculated nitrogen leak rate is less than 100 barrels of nitrogen per year.

(2) The cavern storage well and cavern shall be considered to have external mechanical integrity if the calculated nitrogen leak rate is less than 1,000 barrels of nitrogen per year.

(c)(1) Each operator performing a liquid-brine mechanical integrity test to demonstrate internal or external mechanical integrity shall ensure that the test is witnessed by a licensed professional engineer and shall meet the following requirements:

(A) Use a type of liquid that allows verification of mechanical integrity without harming the cavern storage well or cavern storage facility; and

(B) use a pressure for the liquid test pressure that is equal to the maximum allowable operating pressure.

(2) The cavern storage well shall be considered to have internal mechanical integrity if the calculated liquid leak rate is less than 10 barrels of liquid per year.

(3) The cavern storage well shall be considered to have external mechanical integrity if the calculated liquid leak rate is less than 100 barrels of liquid per year.

(d) Each operator performing a storage well and cavern pressure test shall test the well at the maximum allowable operating pressure. The operator shall first monitor the conditions at the wellhead until the pressure variations at the wellhead can reasonably be shown to correlate with ambient temperature changes. Then the operator shall monitor the surface shut-in pressure for at least 24 hours. The well shall be considered to have internal and external mechanical integrity if the pressure does not vary by more than three percent, with adjustments made to the pressure for changes in temperature.

(e) Each operator performing a hydraulic casing test shall meet the following requirements:

(1) The operator shall set a retrievable bridge plug or packer in the storage well within 25 feet of the top of the cavern.

(2) The operator shall test the storage well at the maximum allowable operating pressure. The operator shall test the well for at least 30 minutes, and the well shall be considered to have internal mechanical integrity if the pressure does not decrease by more than 10 percent.

(f) Any operator may perform a pressure test of the production tubing and production casing annulus if the well is constructed with tubing and a packer. The operator performing a pressure test of the production tubing and production casing annulus shall use a minimum fluid pressure of 300 psig applied to the tubing casing annulus at the surface for a period of 30 minutes. Internal mechanical integrity shall be demonstrated if the applied pressure does not decrease by more than 10 percent.

(g) Any operator may use an alternative method for the long-term monitoring, measurement, and testing activity if approved by the director. The alternative method shall be approved by the director if this method will allow the conservation

division to verify mechanical integrity according to the following information submitted by the operator:

(1) A description of the alternate method and the theory for its operation;

(2) a description of the conditions at the cavern storage well that are necessary for the use of the alternate method;

(3) specifications of the logging tool, survey, or test, including the tool dimensions, maximum temperature and pressure rating, recommended logging speed, approximate image resolution, and casing or hole size range;

(4) the procedure for interpreting the results of the alternate method; and

(5) an interpretation of the results after the alternate method has been used.

(h) No operator shall inject air into or withdraw air from a cavern storage well that fails to demonstrate mechanical integrity through the performance of any test or log in subsections (a) through (g) until the well has been repaired, if necessary, and successfully retested.

(i) Each operator shall submit the long-term monitoring, measurement, and testing plan at least 60 days before commencing any long-term monitoring, measurement, and testing activity. Each operator shall ensure that an employee witnesses any activity. The operator shall schedule the activity to facilitate witnessing by a conservation division agent.

(j) Each operator shall submit a summary, including all supporting documents, of the long-term monitoring, measurement, or testing activity to the conservation division within 30 days after completion.

(k) On or before April 1 of each year, each operator shall submit a report and all supporting documents to the conservation division, on a form provided by the conservation division, listing any activity in subsection (a) performed during the previous calendar year at any storage well.

(l) Each operator shall monitor, measure, sample, and report water quality at any shallow monitoring well and deep monitoring well in a manner that allows the director to determine whether groundwater has been affected by any spill or loss of containment.

(m) Each operator shall monitor, measure, and sample at any leak detector in a manner that allows the director to determine that leaks are not occurring.

(n) Each operator shall ensure that a professional land surveyor performs a land survey for each cavern storage well every two years, pursuant to the following requirements:

(1) The operator shall report to the conservation division the method used in performing the elevation survey.

(2) The operator shall report to the conservation division the criteria used to establish any monument, benchmark, and wellhead survey point.

(3) The operator shall monitor subsidence by performing level measurements with an accuracy of .01 foot. The operator shall report changes in excess of .1 foot to the conservation division within 24 hours of actual knowledge.

(4) The operator shall not change any benchmark without approval by the director. If a benchmark is changed, the operator shall report the elevation change from the previous benchmark to the conservation division.

(5) The operator shall report the elevation to the conservation division before and after any wellhead work that results in a change in the survey point at the wellhead.

(6) The operator shall submit the survey reports, including certified and stamped field notes, to the conservation division within 90 days after completion of the survey. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1215. Long-term monitoring, measurement, and testing for reservoir storage facilities and reservoir storage wells. (a) Each operator shall perform long-term monitoring, measurement, and testing for each reservoir storage facility and reservoir storage well pursuant to a long-term monitoring, measurement, and testing plan signed by a licensed professional engineer and a licensed professional geologist. Each operator shall submit a long-term monitoring, measurement, and testing plan that includes the information required by, and demonstrates compliance with, subsections (b) through (j) and includes the information specified in this subsection.

(1) Each operator shall demonstrate that each reservoir storage well has internal mechanical integrity by using a hydraulic casing test or, if the well is constructed with tubing and packer, a pressure test of the production tubing and production casing annulus.

(2) Each operator shall demonstrate that each reservoir storage well has external mechanical in-

tegrity by running gamma ray, neutron, noise, and temperature logs from 50 feet above the point of injection continuously to the surface. A depth lower than 50 feet may be required by the director if the director deems that this requirement is necessary to determine whether the reservoir storage well has external mechanical integrity.

(3) Each operator shall meet the long-term monitoring, measurement, and testing requirements in paragraphs (a)(1) and (a)(2) according to the following:

(A) At least once each five years;

(B) after any workover involving the production casing cemented in the storage reservoir or the innermost casing or liner inside the production casing;

(C) before commencing plugging operations if the most recent tests or logs were not performed within the previous five years; and

(D) whenever required by the director, if the director determines that it is necessary to protect public health, usable water, or soil.

(4) Each operator shall evaluate the production casing or innermost casing or liner that extends the entire length of the production casing with a magnetic flux log if the director determines that it is necessary to protect public safety, usable water, or soil.

(b) Each operator performing a hydraulic casing test shall perform the following:

(1) The operator shall set a retrievable bridge plug or packer in the storage well opposite a cemented interval at a point immediately above the uppermost perforation or open-hole interval.

(2) The operator shall test the storage well at the maximum allowable operating pressure. The operator shall test the well for at least 30 minutes, and the well shall be considered to have internal mechanical integrity if the pressure does not decrease by more than 10 percent.

(c) Any operator may perform a pressure test of the production tubing and production casing annulus if the well is constructed with tubing and a packer. The operator performing a pressure test of the production tubing and production casing annulus shall apply a minimum fluid pressure of 300 psig to the tubing casing annulus at the surface for 30 minutes, and the well shall be considered to have mechanical integrity if the pressure does not decrease by more than 10 percent.

(d) Any operator may use an alternative method for the long-term monitoring, measurement, and testing activity if approved by the director. The alternative method shall be approved by the director if this method will allow the conservation division to verify mechanical integrity according to the following information submitted by the operator:

(1) A description of the alternate method and the theory for its operation;

(2) a description of the reservoir storage well conditions necessary for the use of the alternate method;

(3) specifications for the logging tool, surveys, or tests including the tool dimensions, maximum temperature and pressure rating, recommended logging speed for the tool, approximate image resolution, and casing and hole size range;

(4) the procedure for interpreting the results of the alternate method; and

(5) an interpretation of the results after the alternate method has been used.

(e) No operator shall inject air into or withdraw air from a reservoir storage well that fails to demonstrate mechanical integrity through the performance of any test or log in subsections (a) through (d), until the storage well is repaired, if necessary, and successfully retested.

(f) Each operator shall submit the long-term monitoring, measurement, and testing plan at least 60 days before commencing any long-term monitoring, measurement, and testing activity. Each operator shall ensure that an employee witnesses any activity. The operator shall schedule the activity to facilitate witnessing by a conservation division agent.

(g) Each operator shall submit a summary, including all supporting documents, of the long-term monitoring, measurement, or testing activity to the conservation division within 30 days after completion of the activity.

(h) Each operator shall submit a report to the conservation division, annually on or before April 1 on a form provided by the conservation division, listing any activity in subsection (a) performed on any reservoir storage well during the previous calendar year.

(i) Each operator shall monitor, measure, sample, and report water quality at any shallow monitoring well and deep monitoring well in a manner that allows the director to determine whether groundwater has been affected by any spill or loss of containment.

(j) Each operator shall monitor, measure, and sample at any leak detector in a manner that allows the director to determine that leaks are not

occurring. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1216. Safety and emergency response plan. (a) Each operator shall construct, convert, operate, and abandon the storage facility in accordance with a safety and emergency response plan signed by a licensed professional engineer or licensed professional geologist. The operator shall submit a safety and emergency response plan that includes the following:

(1) Brine spill and flood assessment, which shall meet the following requirements:

(A) The applicant shall identify on a map the location of any navigable water, floodplain or area prone to flooding, and potential drainage path of a brine spill to navigable water, within a two-mile radius of each storage facility boundary;

(B) the applicant shall submit the design criteria for any storage well and facility equipment located in an area prone to flooding; and

(C) the applicant shall submit procedures for responding to a brine spill and flood that address water containment and soil remediation and state the names of specific contractors and equipment vendors available to respond to an emergency;

(2) procedures to respond to the following:

(A) Surface subsidence event;

(B) unexpected air release;

(C) storage well drilling, completion, workover, conversion to plugging-monitoring status, and plugging; and

(D) storage well blowout;

(3) a description of the storage facility communication, warning, alarm, manual and automatic shutdown, and SCADA systems; and

(4) an identification of potential risks to the storage facility from activities performed at any facilities located within two miles of each storage facility boundary, including any utility having a right-of-way, road, highway, or railroad.

(b) Each operator shall perform a review of the safety and emergency response plan with storage facility field staff at least once every 12 months and at any additional time required by the director if conditions indicate that additional reviews are necessary to ensure that public safety, usable water, and soil are protected. The operator may request, for good cause, an extension to perform the annual review, which may be granted by the director. The review shall address the following:

(1) Emergency procedures in response to surface subsidence, cavern collapse, brine spill, air release, storage well blowout, and flooding if the storage facility is located on a floodplain or in an area prone to flooding;

(2) the company name, telephone number, and contact person for any utility having a right-of-way within one-quarter mile of the storage facility boundary, including any wind generator, electrical transmission line, and oil or gas pipeline;

(3) names of specific contractors and equipment vendors capable of providing necessary services and equipment in response to an emergency;

(4) the address and phone number for each person within one-quarter mile of the storage facility boundary;

(5) procedures to coordinate an emergency response with any local emergency planning entity;

(6) a report of the safety training drills that occurred during the previous year, including a list of attendees and the date each drill was performed;

(7) a report of the safety meetings that occurred during the year, including a list of attendees and the date each safety meeting occurred; and

(8) a review of the safety plan to ensure that the plan is current and correct.

(c) Each operator shall notify the conservation division at least 30 days before the annual review. The operator shall schedule the review on a date that facilitates attendance by an agent of the conservation division. Each operator shall submit a written summary of the annual review to the conservation division within 30 days after the review.

(d) Each operator shall maintain a copy of the safety and emergency response plan at the storage facility and at the company headquarters. Each operator shall provide the conservation division with a copy of the safety and emergency response plan within 48 hours of receipt of the request.

(e) Each operator shall provide a copy of the applicable portions of the safety and emergency response plan to any public or private entity involved with the implementation of the safety and emergency response plan.

(f) Each operator shall update the safety and emergency response plan at least once every 12 months, after any change in safety features at the storage facility, after the approval of an application to amend, transfer, or modify the permit, and upon the director's determination that an update is necessary to protect public safety, usable water, or soil. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1217. Safety inspection. (a) Each operator shall perform a safety inspection of the storage facility at least once every 12 months. One extension of one month for the performance of the safety inspection may be granted by the director, upon written request. Each operator shall ensure that all of the following conditions are met in the safety inspection:

(1) Each automatic shut-in safety valve at the surface is in normal operating condition and each alarm is operating.

(2) Each wellhead and any equipment attached to the wellhead is connected and functioning.

(3) Each valve, annulus, and blowdown opens and closes with reasonable ease, including the storage wellhead manual valve.

(4) Each communication link between any control room and remote control center is connected and functioning.

(5) The SCADA system is connected and functioning.

(6) The wellhead pressure monitoring associated with the plugging-monitoring status plan is in working order.

(7) Each corrosion control system is functioning.

(8) Each sign is properly posted, updated, and maintained.

(9) The safety fences or barriers, security equipment, and lighting are properly installed and maintained.

(b) Each operator shall notify the conservation division of the inspection at least 30 days before the inspection. Each operator shall schedule the inspection to facilitate the presence of an agent of the conservation division.

(c) Each operator shall submit to the conservation division a written report that includes the inspection procedures and results. The report shall be submitted within 30 days after the safety inspection.

(d) Each operator shall maintain the following at the storage facility and at the operator's main office in Kansas, for inspection by the conservation division:

(1) The maps specified in K.A.R. 82-3-1203(d);

(2) the local geological evaluation specified in K.A.R. 82-3-1208(h); and

(3) the layout of the storage facility specified in K.A.R. 82-3-1208(i). (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1218. Plugging-monitoring status. (a) Any operator may place a cavern storage well in plugging-monitoring status according to a plugging-monitoring status plan signed by a licensed professional engineer or licensed professional geologist. The operator shall submit the plugging-monitoring status plan at least 60 days before placing the cavern storage well in plugging-monitoring status.

(b) Each operator submitting a plugging-monitoring status plan shall include the following:

(1) The portion of the safety and emergency response plan specified in K.A.R. 82-3-1216 that is applicable to the plugging-monitoring status plan;

(2) the saturated brine information, including the source, volume, transportation logistics, and time necessary to fill each cavern storage well;

(3) the storage well filling, monitoring, and reporting procedures used to ensure that saturated brine will stabilize the cavern;

(4) a list of additional storage well requirements and storage facility equipment, including wellhead gauges, surface brine tanks, pumps, and piping network used in implementing the plugging-monitoring status plan;

(5) a wellbore schematic of the storage well;

(6) a record of each historical internal and external mechanical integrity test, salt roof thickness evaluation log, cement evaluation log, casing inspection log, and sonar survey for the cavern storage well;

(7) a schedule to perform sonar surveys and internal and external mechanical integrity tests after the storage well is filled with saturated brine;

(8) a schedule to perform surface pressure monitoring at the wellhead to determine whether the cavern storage well has been stabilized;

(9) a cost estimate of converting the cavern storage well to plugging-monitoring status;

(10) updated maps specified in K.A.R. 82-3-1203(d);

(11) the updated local geological evaluation specified in K.A.R. 82-3-1208(h); and

(12) the updated layout of the storage facility specified in K.A.R. 82-3-1208(i).

(c) The operator shall perform additional testing or logging before placing the cavern storage well in plugging-monitoring status if required by the conservation division due to the absence of current logs or tests or due to a lack of cavern storage well mechanical integrity that could result in a threat to public safety, soil, or usable water.

(d) Each operator converting an active cavern storage well to plugging-monitoring status shall fill the cavern storage well with saturated brine pursuant to the plugging-monitoring status plan. The operator shall submit all documents, logs, and tests regarding the conversion to the conservation division within 30 days after the storage well is converted.

(e) Each operator of a cavern storage well in plugging-monitoring status shall monitor the surface wellhead pressure with a pressure transducer connected to a SCADA system. The operator shall, within 24 hours of actual knowledge, report to the director any unexpected increase or decrease in the surface wellhead pressure, including a description of whether the condition threatens public safety, usable water, or soil. The operator shall perform any additional testing, logging, or other measures required by the conservation division to determine whether the increase or decrease indicates potential harm to public safety, usable water, or soil.

(f) Each operator shall submit a report to the conservation division each year on or before April 1, on a form provided by the conservation division, listing the monitored wellhead pressure of each well in plugging-monitoring status.

(g) No operator shall convert a storage well in plugging-monitoring status to an active well without the director's prior written approval. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1219. Storage well plugging. (a) Any operator may plug any storage well pursuant to a well plugging plan signed by a licensed professional engineer or licensed professional geologist. Each plugging plan for a cavern storage well shall also be signed by a licensed professional land surveyor. The operator shall submit the plugging plan to the conservation division at least 60 days before the anticipated plugging date.

(b) Each operator submitting a plugging plan for any cavern storage well shall include the following:

(1) The portion of the safety and emergency response plan specified in K.A.R. 82-3-1216 that is applicable to the well plugging plan;

(2) a wellbore schematic of the storage well to be plugged;

(3) the updated local geological evaluation specified in K.A.R. 82-3-1208(h) and the updated layout of the storage facility specified in K.A.R. 82-3-1208(i);

(4) a record of each historical internal and external mechanical integrity test, salt roof thickness evaluation log, cement evaluation log, casing inspection log, and sonar survey for the storage well;

(5) evidence regarding whether the wellhead pressure for the cavern storage well has stabilized according to the plugging-monitoring status plan;

(6) procedures to set a mechanical bridge plug or other control device in the long string casing;

(7) procedures to place a cement plug above the storage cavern by a method that will prevent migration of fluid into or out of the storage cavern;

(8) procedures to establish a monument at the surface for elevation survey purposes for monitoring ground subsidence;

(9) procedures to perform land surveys every two years until the storage facility is abandoned pursuant to commission regulations; and

(10) a reasonable estimate of the cost to plug each cavern storage well currently in plugging-monitoring status.

(c) The operator of a cavern storage well shall perform additional testing or logging before plugging the cavern storage well if required by the conservation division due to the absence of current logs or tests or due to a lack of mechanical integrity of the cavern storage well that could result in a threat to public safety, usable water, or soil.

(d) Each operator shall plug any cavern storage well in plugging-monitoring status according to the plugging plan if both of the following conditions are met:

(1) The cavern storage well has been in plugging-monitoring status for at least five years.

(2) The director determines that the cavern storage well has been stabilized according to the plugging-monitoring status plan.

(e) (1) Each operator submitting a well plugging plan for any reservoir storage well shall include the following:

(A) The portion of the safety and emergency response plan specified in K.A.R. 82-3-1216 that is applicable to the well plugging plan;

(B) a wellbore schematic of the storage well to be plugged;

(C) the updated local geological evaluation specified in K.A.R. 82-3-1208(h) and the updated layout of the storage facility specified in K.A.R. 82-3-1208(i);

(D) a record of each historical internal and ex-

ternal mechanical integrity test, cement evaluation log, and casing inspection log;

(E) procedures to set a mechanical bridge plug or other control device in the long string casing;

(F) procedures to place a cement plug above the storage reservoir by a method that will prevent migration of fluid into or out of the storage reservoir; and

(G) a reasonable estimate of the cost to plug each reservoir storage well.

(2) The operator shall perform additional testing or logging before plugging the reservoir storage well if required by the conservation division due to the absence of current logs or tests or due to a lack of mechanical integrity of the reservoir storage well that could result in a threat to public safety, usable water, or soil.

(f) Each operator shall plug any storage well within a time frame specified by the director if the director determines that the storage well presents a danger to public safety, usable water, or soil.

(g) Each operator shall submit a well plugging report within 30 days after plugging any storage well. This report shall contain the following information:

(1) The date the storage well was drilled and completed;

(2) the location of the storage well;

(3) the method used to plug the storage well; and

(4) any other information that is necessary to allow the director to determine whether the well was plugged in a manner that will protect public safety, usable water, and soil. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1220. Temporary abandonment of reservoir storage wells and reservoir storage facilities. (a) Each operator of a reservoir storage well shall, within 90 days after any reservoir storage well ceases operation, plug the storage well according to K.A.R. 82-3-1219 or file an application with the conservation division requesting temporary abandonment status, on a form provided by the conservation division.

(1) An application for temporary abandonment status may be approved by the director for one year if approval will not threaten public safety, usable water, or soil. Each operator shall file any subsequent one-year application before the expiration of the previous approved temporary abandonment period. No well that has been temporarily abandoned for 10 years or longer shall be approved for temporary abandonment status.

(2) If a temporary abandonment application is denied, the operator shall plug the well pursuant to K.A.R. 82-3-1219.

(b) Any operator of a reservoir storage facility may request temporary abandonment status for the storage facility. The operator shall submit a written application to the conservation division for temporary abandonment at least 90 days before the temporary abandonment. The application shall include the following:

(1) The date the storage facility will be temporarily abandoned;

(2) the projected temporary abandonment period, which shall be less than 10 years;

(3) the monitoring procedures to be used during temporary abandonment;

(4) temporary abandonment applications for each reservoir storage well, pursuant to subsection (a), except for any reservoir storage well that is currently approved for temporary abandonment; and

(5) any additional information necessary to allow the director to determine whether the reservoir storage facility can be temporarily abandoned in a manner that protects public safety, usable water, and soil.

(c) Any application for temporary abandonment status of a reservoir storage facility pursuant to subsection (b) may be approved by the director for less than 10 years if the approval will not threaten public safety, soil, and usable water. Each operator shall file any subsequent application before the expiration of the previous approved temporary abandonment period. No storage facility that has been temporarily abandoned for 10 years or longer shall be approved for temporary abandonment status. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1221. Decommissioning and abandonment of a storage facility. (a) No operator shall permanently abandon a storage facility unless an application is approved by the director. Each operator decommissioning and abandoning a storage facility shall file an application at least 90 days before any decommissioning activities. The application shall contain a detailed decommissioning plan that includes the following:

(1) The anticipated date and a schedule for plugging each storage well;

(2) a schedule for abandoning the storage facility, including when and how any equipment and building will be abandoned;

(3) the name and address of persons responsible for any equipment and buildings that will be abandoned or will remain in use;

(4) a reasonable estimate of the cost to perform the activities specified in subsection (b); and

(5) any additional information necessary for the director to determine whether the decommissioning plan will protect public safety, usable water, and soil.

(b) Each operator decommissioning and abandoning a storage facility shall plug all storage wells according to K.A.R. 82-3-1219 and perform the following:

(1) Dispose of any liquid or solid waste in an environmentally safe manner;

(2) clear the area of debris;

(3) drain or fill all excavations;

(4) remove any unused concrete base, machinery, and material;

(5) level and restore the site; and

(6) perform any additional activities that may be required by the director, if additional activities are necessary to protect public safety, usable water, and soil.

(c) After all decommissioning and abandonment activities are complete, a determination of whether the decommissioning and abandonment of the storage facility are protective of public safety, soil, and usable water shall be made by the director. If the director determines that public safety, soil, and usable water will be protected and no further activities are required from the operator, the operator's financial assurance shall be released.

(d) If the application to decommission and abandon the storage facility is denied, the operator shall proceed according to instructions by the director. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1222. Reporting required; record retention. (a) Each operator shall meet the requirements in subsection (b) if any safety inspection reveals any regulatory or permit deficiencies at the storage facility, if any threat to public safety, usable water, or soil is discovered, or if the storage facility or any storage well fails any monitoring activity, test, survey, or log specified in the following plans:

(1) The site selection plan in K.A.R. 82-3-1208;

(2) the drilling and completion plan in K.A.R. 82-3-1209;

(3) the storage facility integrity plan in K.A.R. 82-3-1210;

(4) the storage well workover plan in K.A.R. 82-3-1211;

(5) the storage well integrity plan in K.A.R. 82-3-1212 or K.A.R. 82-3-1213;

(6) the long-term monitoring, measurement, and testing plan in K.A.R. 82-3-1214 or K.A.R. 82-3-1215;

(7) the safety and emergency response plan in K.A.R. 82-3-1216;

(8) the plugging-monitoring status plan in K.A.R. 82-3-1218;

(9) the well plugging plan in K.A.R. 82-3-1219; and

(10) the decommissioning plan in K.A.R. 82-3-1221.

(b) Each operator shall, upon the occurrence of any condition in subsection (a), perform the following, which may include repairs, retesting, plugging, or abandonment activities as required by the director:

(1) Notify the conservation division of the condition in subsection (a) within 24 hours of actual knowledge, including a description of whether the condition threatens public safety, usable water, or soil;

(2) submit a detailed written plan to correct the condition in subsection (a) within three days of actual knowledge;

(3) if the conservation division determines that the condition in subsection (a) threatens public safety, usable water, or soil, comply with instructions from the conservation division and correct the condition within 30 days; and

(4) if the conservation division determines the condition in subsection (a) does not threaten public safety, usable water, or soil, comply with instructions from the conservation division and correct the violation within 90 days.

(c) Each operator shall keep and maintain for at least five years all data obtained from the SCADA system, including any magnetic tape, electronic data, and meter chart, and any reports submitted to the conservation division pursuant to K.A.R. 82-3-1201(b)(4), K.A.R. 82-3-1212, and K.A.R. 82-3-1213.

(d) (1) Each operator shall keep and maintain

for the life of the storage facility and any storage well, until the storage facility is abandoned pursuant to K.A.R. 82-3-1221, all logs, updated maps, tests, records, data, and correspondence with the conservation division or Kansas department of health and environment specified in the following plans and regarding the construction, drilling, completion, solutioning, mechanical integrity, and abandonment of the storage facility or any storage well:

(A) The permit application specified in K.A.R. 82-3-1203;

(B) the site selection plan specified in K.A.R. 82-3-1208;

(C) the drilling and completion plan specified in K.A.R. 82-3-1209;

(D) the storage facility integrity plan specified in K.A.R. 82-3-1210;

(E) the storage well workover plan specified in K.A.R. 82-3-1211;

(F) the long-term monitoring, measurement, and testing plan specified in K.A.R. 82-3-1214 or K.A.R. 82-3-1215;

(G) the plugging-monitoring status plan specified in K.A.R. 82-3-1218;

(H) the well plugging plan specified in K.A.R. 82-3-1219; and

(I) the decommissioning plan specified in K.A.R. 82-3-1221.

(2) The record retention requirement in this subsection shall also include any shallow or deep groundwater monitoring data and leak detector monitoring data.

(e) Each transferring operator and each transferee operator of any permit transferred pursuant to K.A.R. 82-3-1206 shall ensure that all items specified in subsections (c) and (d) are transferred to the control of the transferee operator.

(f) If an operator makes any change to any plan described in K.A.R. 82-3-1203(c), the operator shall provide an updated copy of the plan to the conservation division within 30 days of making the change. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274; effective Dec. 21, 2012.)

82-3-1223. Fees. (a) Each operator shall submit a fee of $18,890 for each storage facility and $305 for each storage well annually on or before January 31. The operator shall pay the fee for each cavern storage well, whether plugged or unplugged, and for each unplugged reservoir storage well.

(b) Each permit applicant shall submit a fee of $1,500, in addition to any applicable plan fees specified in paragraph (c)(2), to the conservation division with any permit application submitted according to K.A.R. 82-3-1203.

(c) Each operator shall submit a fee in the amount of $1,500 to the conservation division for each of the following at the time of submission of the application or plan:

(1) An application to amend a storage facility permit according to K.A.R. 82-3-1205;

(2) each drilling and completion plan filed according to K.A.R. 82-3-1209;

(3) each workover plan filed according to K.A.R. 82-3-1211;

(4) each plugging-monitoring status plan according to K.A.R. 82-3-1218;

(5) each well plugging plan according to K.A.R. 82-3-1219;

(6) each application for temporary abandonment status for the storage facility or any storage well according to K.A.R. 82-3-1220; and

(7) an application to decommission and abandon the storage facility according to K.A.R. 82-3-1221.

(d) Each operator shall submit a fee in the amount of $1,500 to the conservation division for each of the following, in a single payment on or before the last day of the month in which the activity occurs, with a description of the activity listed on a form provided by the conservation division:

(1) Performance of any long-term monitoring and testing activity according to K.A.R. 82-3-1214 or K.A.R. 82-3-1215;

(2) performance of the annual review of the safety and emergency response plan according to K.A.R. 82-3-1216; and

(3) performance of the annual storage facility inspection according to K.A.R. 82-3-1217.

(e) All fees shall be nonrefundable and shall be made payable to the "Kansas corporation commission — compressed air energy storage fund," pursuant to K.S.A. 66-1279 and amendments thereto. (Authorized by and implementing K.S.A. 2011 Supp. 66-1274 and 66-1279; effective Dec. 21, 2012.)

Article 4.—MOTOR CARRIERS OF PERSONS AND PROPERTY

82-4-1. Definitions. The following terms used in connection with the regulations of the

state corporation commission governing motor carriers shall be defined as follows:

(a) "Affiliate" means a person or company controlling, controlled by, or under common control or ownership with, another person or company.

(b) "Authorized agent" and "authorized representative" mean any authorized special agent or employee of the commission, any member of the Kansas highway patrol, or any law enforcement officer in the state certified in the inspection of motor carriers and authorized in accordance with the requirements of the Kansas motor carrier safety program.

(c) "Certificate" means a document evidencing a certificate of convenience and necessity or a certificate of public service issued to an intrastate common carrier to operate motor vehicles as a common carrier.

(d) "Commercial motor vehicle" means any of the following, except when used in 49 C.F.R. Part 382 as adopted by K.A.R. 82-4-3c:

(1) A vehicle that has a gross vehicle weight rating or gross combination weight rating, or a gross vehicle weight or gross combination weight, of 4,536 kg (10,001 pounds) or more, whichever is greater;

(2) a vehicle designed or used to transport more than eight passengers, including the driver, for compensation;

(3) a vehicle that is designed or used to transport more than 15 passengers, including the driver, and is not used to transport passengers for compensation; or

(4) a vehicle used in transporting material found by the secretary of transportation to be hazardous under 49 U.S.C. 5103 and transported in a quantity requiring placarding according to regulations prescribed by the secretary under 49 C.F.R. Part 172 as adopted in K.A.R. 82-4-20.

(e) "Commission" means the Kansas corporation commission.

(f) "Conviction" means any of the following, regardless of whether or not the penalty is reduced, suspended, or resolved by means of a probationary agreement:

(1) An unvacated adjudication of guilt or a determination by a federal, state, or local court of original jurisdiction or by an authorized administrative tribunal that a person has violated or failed to comply with the law;

(2) an unvacated forfeiture of bail or collateral deposited to secure the person's appearance in court;

(3) a plea of guilty or nolo contendere accepted by the court;

(4) the payment of a fine or court cost; or

(5) violation of a condition of release without bail.

(g) "Director" means the director of the transportation division of the commission.

(h) "Distance" means airline distances.

(1) Distances shall be computed from the corporate limits of incorporated communities and from the post office of unincorporated communities.

(2) If there is no post office in the unincorporated community, the distance shall be computed from the center of the business district.

(i) "Docketing" means entering a proposal in the organization files and then giving notice of the proposal to other carrier members of the organization and shipper subscribers.

(j) "Driveaway operation" and "towaway operation" mean any operation in which an empty or unladen motor vehicle with one or more sets of wheels on the surface of the roadway is being transported according to one of the following:

(1) Between a vehicle manufacturer's facilities;

(2) between a vehicle manufacturer and a dealership or purchaser;

(3) between a dealership, or other entity selling or leasing the vehicle, and a purchaser or lessee;

(4) to a motor carrier's terminal or repair facility for the repair of disabling damage, as defined in K.A.R. 82-4-3f, following a crash;

(5) to a motor carrier's terminal or repair facility for repairs associated with the failure of a vehicle component or system; or

(6) by means of a saddle-mount or towbar.

(k) "Driver" means any person who operates any commercial motor vehicle.

(l) "Entire direct case" shall include, for the purpose of this article, all testimony, exhibits, and other documentation offered in support of the proposed rates.

(m) "Express carrier" means a common carrier who carries packages or parcels, the maximum weight of which does not exceed 350 pounds for each package or parcel.

(n) "FHWA" means the federal highway administration.

(o) "FMCSA" means the federal motor carrier safety administration.

(p) "General increase" and "general decrease" mean a common motor carrier rate increase or

decrease proposed as a general adjustment of substantially all the rates published in a tariff.

(q) "Hazardous material" means a substance or material that the U.S. secretary of transportation has determined is capable of posing an unreasonable risk to health, safety, and property when transported in commerce and has designated as hazardous under section 5103 of federal hazardous materials transportation law, 49 U.S.C. 5103. This term shall include hazardous substances, hazardous wastes, marine pollutants, elevated temperature materials, materials designated as hazardous in the hazardous materials table in 49 C.F.R. 172.101 as adopted in K.A.R. 82-4-20, and materials that meet the criteria for hazard classes and divisions in 49 C.F.R. Part 173, subpart C as adopted in K.A.R. 82-4-20.

(r) "Hazardous materials regulations" and "HMR" mean the federal hazardous material regulations as adopted in K.A.R. 82-4-20.

(s) "Industry average carrier cost information" means the average intrastate cost of the carriers who participate in an organization tariff and who have authority from the commission to transport the commodities indicated in the organization tariff.

(t) "Joint line rate" means a rate, charge, or allowance established by two or more common motor carriers of property or passengers that is applicable over the carriers' lines and for which the transportation can be provided by these carriers.

(u) "License" means the document or registration receipt evidencing the registration of an interstate common motor carrier or interstate exempt motor carrier to operate motor vehicles in the state of Kansas in interstate commerce.

(v) "Licensed medical examiner" means a person who meets one of the following conditions:

(1) Is licensed by the Kansas state board of healing arts to practice medicine and surgery, osteopathic medicine and surgery, or chiropractic;

(2) is licensed by the Kansas state board of healing arts as a physician assistant; or

(3) is licensed by the Kansas state board of nursing as a registered professional nurse qualified to practice as an advanced registered nurse practitioner.

(w) "Motor carrier" means any corporation, limited liability company, partnership, limited liability partnership, or individual subject to the provisions of the motor carrier laws of Kansas and under the jurisdiction of the Kansas corporation commission.

(x) "Moving violation" means the commission or omission of an act by a person operating a motor vehicle that could result in injury or property damage and that is also a violation of a statute, ordinance, or regulation of this state or any other jurisdiction.

(y) "Notice" means advance notification to shipper subscribers through an organization's docket service.

(z) "Organization" means a legal entity that administers an agreement approved under K.A.R. 82-4-69.

(aa) "Out-of-service" and "OOS," when used to describe a driver, a commercial motor vehicle, or a motor carrier operation, mean that the driver, commercial motor vehicle, or motor carrier has ceased to operate or move pursuant to the statutes and regulations of the state of Kansas, the federal motor carrier safety administration regulations, or the industry standards specified in the "North American standard out-of-service criteria," including the appendixes, published by the commercial vehicle safety alliance, revised on April 1, 2011, and hereby adopted by reference.

(bb) "Ownership" means an equity holding in a business entity of at least five percent.

(cc) "Permit" means the document evidencing authority of a motor carrier to operate motor vehicles as a private carrier.

(dd) "PHMSA" means pipeline and hazardous materials safety administration of the United States department of transportation.

(ee) "Single line rate" means a rate, charge, or allowance established by a single common motor carrier of property or passengers that is applicable only over its line and for which the transportation can be provided by that carrier.

(ff) "Tariff publication" means the rates, charges, classification, ratings, or policies published by, for, or on behalf of common motor carriers of property or passengers.

(gg) "Transportation" means the movement of property and passengers and the loading, unloading, or storage incidental to this movement.

(hh) "USDOT" means the United States department of transportation. (Authorized by and implementing K.S.A. 2010 Supp. 66-1,112, K.S.A. 66-1,112g, K.S.A. 2010 Supp. 66-1,129; effective Jan. 1, 1971; modified, L. 1981, Ch. 424, May 1, 1981; amended, T-83-45, Dec. 8, 1982; amended May 1, 1983; amended May 1, 1984; amended April 30, 1990; amended Sept. 16, 1991; amended July 6, 1992; amended May 10, 1993; amended

Oct. 3, 1994; amended Jan. 30, 1995; amended Jan. 4, 1999; amended July 28, 2000; amended Nov. 14, 2011.)

82-4-2. General duty of carrier. (a) Each motor carrier shall instruct its officers, agents, employees, and representatives to comply with all the regulations of the commission.

(b) Each motor carrier and its officers, agents, employees, and representatives shall comply with the regulations of the commission and with any reasonable requests of the commission or its authorized agents for inspection or examination of any operating credentials of motor carrier equipment or required parts and accessories.

(c) Each motor carrier who has obtained a certificate, license, or permit from the commission shall notify the commission within 10 days of any change of business or mailing address. (Authorized by K.S.A. 2009 Supp. 66-1,112 and K.S.A. 66-1,112g; implementing K.S.A. 2009 Supp. 66-1,111; effective Jan. 1, 1971; amended May 1, 1981; amended May 1, 1984; amended May 1, 1987; amended Sept. 16, 1991; amended Jan. 31, 2003; amended Oct. 22, 2010.)

82-4-2a. Authority of agents, employees, or representatives authorized by commission. The special agents, agents, employees, or representatives authorized by the commission shall have the authority to perform the following:

(a) Examine motor carrier equipment operating on the highways in this state;

(b) enter upon any motor carrier's premises located in the state of Kansas and inspect and examine the motor carrier's records, books, and equipment located on the premises; and

(c) examine the manner of the motor carrier's conduct as it relates to the public safety and the operation of commercial motor vehicles in this state. (Authorized by K.S.A. 2010 Supp. 66-1,108a and K.S.A. 2010 Supp. 66-1,108c; implementing K.S.A. 2010 Supp. 66-1,108b; effective Nov. 14, 2011.)

82-4-3a. Hours of service. (a) With the following exceptions, 49 C.F.R. Part 395, as in effect on October 1, 2009, is hereby adopted by reference:

(1) The following revisions shall be made to 49 C.F.R. 395.1:

(A) 49 C.F.R. 395.1(a)(2), 49 C.F.R. 395.1(h), and 49 C.F.R. 395.1(i) shall be deleted.

(B) 49 C.F.R. 395.1(k) shall be deleted and replaced by the following:

"(k)(1) The provisions of this regulation shall not apply to drivers transporting agricultural commodities or farm supplies for agricultural purposes if the transportation meets the following conditions:

"(A) Is limited to an area within a 100-air-mile radius from the source of the commodities or the distribution point for the farm supplies; and

"(B) is conducted within the planting and harvesting seasons.

"(2) 'Planting and harvesting seasons' means the time periods for planting and harvesting that occur between January 1 and December 31."

(C) 49 C.F.R. 395.1(q) shall be deleted.

(2) The following revisions shall be made to 49 C.F.R. 395.2:

(A) The definition of "agricultural commodity" shall be deleted and replaced by the following: "'Agricultural commodity' means the unprocessed products of agriculture, horticulture, and cultivation of the soil, including wheat, corn, hay, milo, sorghum, sunflowers, and soybeans. Agricultural commodities shall not include livestock, honey, poultry products, timber products, and nursery stock."

(B) The definition of "farm supplies" shall be deleted and replaced by the following: "'Farm supplies' means supplies or equipment for use in the planting or harvesting of agricultural commodities and livestock feed."

(C) The definition of "sleeper berth" shall be deleted and replaced by the following: "'Sleeper berth' means a berth conforming to the requirements of 49 C.F.R. 393.76, as adopted in K.A.R. 82-4-3i."

(D) The phrase "found by the Secretary to be hazardous under 49 U.S.C. 5103 in a quantity requiring placarding under regulations issued to carry out such section," which appears in the definition of "transportation of construction materials and equipment," shall be deleted and replaced by "requiring placarding pursuant to 49 C.F.R. Part 172, as adopted in K.A.R. 82-4-20."

(3) The following revisions shall be made to 49 C.F.R. 395.8:

(A) The last sentence in 49 C.F.R. 395.8(a)(1) shall be deleted.

(B) The "Note" that appears between 49 C.F.R. 395.8(c) and (d) shall be deleted.

(C) The "Note" that appears between 49 C.F.R. 395.8(h)(5) and (i) shall be deleted.

(D) The "Note," including the graphic, that appears after 49 C.F.R. 395.8(k)(2) shall be deleted.

(4) The following revisions shall be made to 49 C.F.R. 395.13:

(A) In paragraph (a), the phrase "every special agent" shall be deleted and replaced by "any authorized representative of the commission, and any member of the Kansas highway patrol or any other law enforcement officer in the state who has been certified in the inspection of motor carriers based on the motor carrier safety assistance program."

(B) 49 C.F.R. 395.13(c)(2) shall be deleted and replaced by the following: "Within fifteen days following the date any driver is placed out of service, the motor carrier that employed the driver shall personally deliver or place in the U.S. mail to the division administrator or the state director of transportation and to the federal motor carrier safety administration a signed certification in a form acceptable to the commission. Any signed certification acceptable to the commission shall include the following information:

"(i) All violations have been corrected;

"(ii) action has been taken to assure compliance with 49 C.F.R. 395.1, 49 C.F.R. 395.2, 49 C.F.R. 395.3, 49 C.F.R. 395.5, 49 C.F.R. 395.8, 49 C.F.R. 395.13, and 49 C.F.R. 395.15; and

"(iii) the motor carrier understands that false certification can result in appropriate enforcement action."

(C) The phrase "as adopted in K.A.R. 82-4-3k" shall be added before the phrase "pertaining to attendance and surveillance of commercial motor vehicles," which appears in 49 C.F.R. 395.13(d)(4).

(5) The last sentence in 49 C.F.R. 395.15(b)(3) shall be deleted.

(6)(A) The phrase "special agent of the Federal Motor Carrier Safety Administration (as defined in appendix B to this subchapter)," which appears in 49 C.F.R. 395.5 and 49 C.F.R. 395.15, shall be deleted and replaced by "any authorized representative of the commission, and any member of the Kansas highway patrol or any other law enforcement officer in the state who has been certified in the inspection of motor carriers based on the motor carrier safety assistance program standards."

(B) The phrases "Federal Motor Carrier Safety Administration" and "FMCSA," which appear in 49 C.F.R. 395.1, 49 C.F.R. 395.2, 49 C.F.R. 395.3, 49 C.F.R. 395.5, 49 C.F.R. 395.8, 49 C.F.R. 395.13, and 49 C.F.R. 395.15, shall be deleted and replaced by "commission."

(b) Whenever the federal regulations adopted in this regulation refer to portions of the federal regulations or other operating standards that are not already adopted by reference in article 4 of the commission's regulations, the references shall not be applicable to this regulation unless otherwise specifically adopted.

(c) No wrecker or tow truck, as defined by K.S.A. 66-1329 and amendments thereto, with a gross vehicle weight rating or gross combination vehicle weight rating of 26,000 pounds or less shall be subject to this regulation. (Authorized by and implementing K.S.A. 2010 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2010 Supp. 66-1,129; effective, T-82-12-16-03, Jan. 4, 2004; effective, T-82-4-27-04, May 3, 2004; effective, T-82-8-23-04, Aug. 31, 2004; effective, T-82-12-29-04, Dec. 29, 2004; effective April 29, 2005; amended, T-82-10-25-05, Nov. 1, 2005; amended Feb. 17, 2006; amended, T-82-3-21-06, March 21, 2006; amended June 30, 2006; amended Oct. 2, 2009; amended Oct. 22, 2010; amended Nov. 14, 2011.)

82-4-3b. Procedures for transportation workplace drug and alcohol testing programs. (a) With the following exceptions, 49 C.F.R. Part 40, as in effect on October 1, 2007, is hereby adopted by reference:

(1) The following changes shall be made to 49 C.F.R. 40.1:

(A) In paragraph (a), the phrase "Department of Transportation (DOT) agency" shall be deleted and replaced by "commission."

(B) In paragraph (b), the phrase "DOT agency" shall be deleted and replaced by "commission."

(C) Paragraph (c) shall be deleted.

(2) The following revisions shall be made to 49 C.F.R. 40.3:

(A) The following definition of "approved test" shall be added after the definition of "Alcohol use":

" 'Approved test' means a drug or alcohol test conducted in compliance with this regulation and K.A.R. 82-4-3c."

(B) The following definition of "Custody and control form" shall be added after the definition of "Cancelled test": " 'Custody and control form' (CCF) means a form as described in 49 C.F.R. 40.45."

(C) In the definition of "Employee," the term

"DOT agency" shall be deleted and replaced by "Commission." The term "U.S." shall be inserted before the phrase "Department of Health and Human Services."

(D) In the definition of "Employer," the phrase "subject to DOT agency regulations requiring compliance with this part" shall be deleted and replaced by "subject to this regulation and K.A.R. 82-4-3c."

(E) In the definition of "Evidential Breath Testing Device," the phrase "as in effect on July 14, 2004, and hereby adopted by reference," shall appear after the phrase "NHTSA's Conforming Products List (CPL)."

(F) The following revisions shall be made to the definition of "Laboratory":

(i) The words "by DOT" shall be deleted.

(ii) The last sentence shall be deleted.

(G) The definition of "Office of Drug and Alcohol Policy and Compliance" shall be deleted.

(H) The following definition of "motor carrier" shall be added after the definition of "Office of Drug and Alcohol Policy and Compliance (ODAPC)": " 'Motor carrier.' The definition of motor carrier found in 49 C.F.R. 390.5, as adopted by K.A.R. 82-4-3f, shall apply to this section."

(I) In the definition of "Qualification Training," the term "DOT" shall be deleted and replaced by "commission."

(J) In the definition of "Refresher Training," the phrase "DOT agency drug and alcohol testing regulations" shall be deleted and replaced by "K.A.R. 82-4-3c."

(K) The definition of "Secretary" shall be deleted.

(L) The following definition of "special agent or authorized representative" shall be added after the definition of "Shipping container":

" 'Special agent or authorized representative' means an authorized representative of the commission, and members of the Kansas highway patrol or any other law enforcement officers in the state who have been certified in the inspection of motor carriers based on the motor carrier safety assistance program standards."

(M) In the definition of "Substance Abuse Professional," the term "DOT" shall be deleted and replaced by "commission."

(N) The following definition of "unapproved test" shall be added after the definition for "Substituted specimen":

" 'Unapproved test' means a drug or alcohol test not conducted in compliance with this regulation or K.A.R. 82-4-3c."

(3) 49 C.F.R. 40.5 and 49 C.F.R. 40.7 shall be deleted.

(4) The following revisions shall be made to 49 C.F.R. 40.11:

(A) In paragraph (b), the phrase "the DOT agency regulations" shall be deleted and replaced by "this regulation and K.A.R. 82-4-3c."

(B) Paragraph (c) shall be deleted and replaced by the following:

"All agreements and arrangements, written or unwritten, between and among employers and service agents concerning the implementation of the commission's drug and alcohol testing requirements shall require compliance with all applicable provisions of this regulation and K.A.R. 82-4-3c."

(5) The following revisions shall be made to 49 C.F.R. 40.13:

(A) The following revisions shall be made to paragraphs (a) and (b):

(i) The term "DOT" shall be deleted and replaced by "These approved."

(ii) The term "non-DOT" shall be deleted and replaced by "unapproved."

(B) In paragraph (b), the phrase "a DOT" shall be deleted and replaced by "an approved."

(C) The following revisions shall be made to paragraph (c):

(i) The first instance of the term "DOT" found in the first sentence shall be deleted and replaced by "an approved."

(ii) The phrase "DOT agency regulations" appearing in the first sentence shall be deleted and replaced by "K.A.R. 82-4-3c."

(iii) The phrase "a DOT" found in the second sentence shall be deleted and replaced by "an approved."

(D) The following revisions shall be made to paragraph (d):

(i) The phrase "a DOT" shall be deleted and replaced by "an approved."

(ii) The phrase "DOT agency" shall be deleted and replaced by "commission."

(E) The following revisions shall be made to paragraph (e):

(i) The first two instances of the term "DOT" shall be deleted and replaced by "approved."

(ii) The term "non-DOT" shall be deleted and replaced by "unapproved."

(iii) The last instance of the term "DOT" shall be deleted.

(F) The following revisions shall be made to paragraph (f):

(i) The words "the CCF or the ATF" shall be deleted and replaced by "an approved form."

(ii) The term "non-DOT" shall be deleted and replaced by "unapproved."

(iii) The term "DOT" shall be deleted and replaced by "approved."

(iv) The words "and agencies" shall be deleted.

(v) In the last sentence, the phrase "CCF and ATF" shall be deleted and replaced by "approved forms."

(vi) The term "DOT-mandated" shall be deleted and replaced by "approved."

(6) The following revisions shall be made to 49 C.F.R. 40.15:

(A) In paragraph (a), the term "DOT agency" shall be deleted and replaced by "commission."

(B) The following revisions shall be made to paragraph (c):

(i) The first and second instance of the term "DOT" shall be deleted and replaced by "approved."

(ii) All instances of the phrase "a DOT agency" shall be deleted and replaced by "the commission."

(7) The last sentence of 49 C.F.R. 40.17 shall be deleted.

(8) The following revisions shall be made to 49 C.F.R. 40.21:

(A) In paragraph (a), the phrase "a DOT agency" shall be deleted and replaced by "the commission."

(B) In paragraph (b), the term "concerned DOT agency" shall be deleted and replaced by "commission."

(C) Paragraphs (b)(1), (b)(2), and (b)(3) shall be deleted.

(D) Paragraph (c)(1)(iv) shall be deleted.

(E) The following revisions shall be made to paragraph (d):

(i) The phrase "Administrator of the concerned DOT agency" shall be deleted and replaced by "commission."

(ii) The words "he or she" shall be deleted and replaced by "the commission."

(F) In paragraph (d)(1), the phrase "Administrator, or his or her designee" shall be deleted and replaced by "commission."

(G) The following revisions shall be made to paragraph (d)(2):

(i) The phrase "Administrator, or his or her designee" shall be deleted and replaced by "commission."

(ii) The term "DOT agency" shall be deleted and replaced by "commission."

(H) In paragraph (e), the term "DOT agency" shall be deleted and replaced by "commission."

(9) The following revisions shall be made to 49 C.F.R. 40.25:

(A) In paragraph (b), the term "DOT-regulated" shall be deleted and replaced by "commission-regulated."

(B) In paragraph (b)(4), the term "DOT agency" shall be deleted and replaced by "commission."

(C) The following revisions shall be made to paragraph (b)(5):

(i) The phrase "a DOT" shall be deleted and replaced by "an approved."

(ii) The remaining term "DOT" shall be deleted and replaced by "the commission's."

(D) The following revisions shall be made to paragraph (e):

(i) The phrase "a DOT agency drug and alcohol regulation" shall be deleted and replaced by "this regulation or K.A.R. 82-4-3c or both."

(ii) The remaining term "DOT agency" shall be deleted and replaced by "commission."

(10) 49 C.F.R. 40.26 shall be deleted and replaced by the following:

"Management information system ("MIS") data shall be reported to the commission within 10 days of the commission's request for the information. MIS data shall be reported in a certified form acceptable to the commission. A certified form acceptable to the commission shall include the following information:

"(a) Information regarding the employer, including:

"(1) The name of the employer's business and, if applicable, the name it does business as;

"(2) the company's physical address and, if applicable, e-mail address;

"(3) the printed name and signature of the company's official certifying the MIS data;

"(4) the date the MIS data was certified;

"(5) the name and telephone number of the person preparing the form, if it is different from the person certifying the MIS data;

"(6) the name and telephone number of the C/TPA, if applicable; and

"(7) the employer's motor carrier identification number.

"(b) Information regarding the covered employees, including:

"(1) the total number of safety-sensitive employees in all categories;

"(2) the total number of employee categories;

"(3) the name of the employee category or categories; and

"(4) the total number of employees for each category.

"(c) Information regarding the drug testing data, including:

"(1) The type of test, which includes:

"(A) Pre-employment;

"(B) random;

"(C) post-accident;

"(D) reasonable suspicion or cause;

"(E) return-to-duty; and

"(F) follow-up.

"(2) The number of tests by result, including:

"(A) Total number of test results;

"(B) verified negative results;

"(C) verified positive results for one or more drugs;

"(D) positive for marijuana;

"(E) positive for cocaine;

"(F) positive for PCP;

"(G) positive for opiates;

"(H) positive for amphetamines;

"(I) canceled results; and

"(J) refusal results, including:

"(i) Adulterated;

"(ii) substitutes;

"(iii) shy bladder with no medical explanation; and

"(iv) other refusals to submit to testing.

"(d) Information resulting alcohol testing data, including:

"(1) The type of test, including the same types as listed in paragraph (c)(1) above;

"(2) The number of tests by results, including:

"(A) Total number of screen test results;

"(B) screening tests with results below 0.02;

"(C) Screening tests with results of 0.02 or greater;

"(D) number of confirmation test results;

"(E) confirmation tests with results of 0.02 through 0.039;

"(F) confirmation tests with results of 0.04 or greater;

"(G) canceled results; and

"(H) refusal results, including:

"(i) Shy lung with no medical explanation; and

"(ii) other refusals to submit to testing."

(11) The following changes shall be made to 49 C.F.R. 40.29:

(A) The first sentence shall be deleted and replaced by "Other information regarding the responsibilities of employers can be found in the following sections of 49 C.F.R. Part 40, as adopted by this regulation:".

(B) The word "non-Federal" shall be deleted and replaced by "unapproved."

(C) The term "DOT" shall be deleted and replaced by "approved."

(D) The word "Federal" shall be deleted.

(E) The term "non-DOT" shall be deleted and replaced by "unapproved."

(F) The phrase "Sec. 40.227—Use of non-DOT forms for DOT tests or DOT ATFs for non-DOT tests" shall be deleted.

(12) The following revisions shall be made to 49 C.F.R. 40.31:

(A) In paragraph (a), the term "DOT" shall be deleted and replaced by "approved."

(B) In paragraph (c), the phrase "DOT agency" shall be deleted and replaced by "commission."

(13) The following revisions shall be made to 49 C.F.R. 40.33:

(A) In the first paragraph, the term "DOT" shall be deleted and replaced by "approved."

(B) The following revisions shall be made to paragraph (a):

(i) The words "this part, the current 'DOT Urine Specimen Collection Procedures Guidelines,' and DOT agency" shall be deleted and replaced by "commission."

(ii) The last sentence of paragraph (a) shall be deleted.

(C) In paragraph (c)(2)(i), the term "DOT" shall be deleted and replaced by "approved."

(D) Paragraphs (d), (d)(1), (d)(2), and (d)(3) shall be deleted.

(E) In paragraph (g), the phrase "DOT agency" shall be deleted and replaced by "special agents and authorized."

(14) The first sentence of 49 C.F.R. 40.37 shall be deleted and replaced by "Other information regarding the role and functions of collectors can be found in the following sections of 49 C.F.R. Part 40, as adopted by this regulation:".

(15) In paragraph 49 C.F.R. 40.41(a), the term "a DOT" shall be deleted and replaced by "an approved."

(16) In 49 C.F.R. 40.43(e)(1), the term "DOT agency representatives" shall be deleted and re-

placed by "special agent or authorized representative."

(17) The following revisions shall be made to 49 C.F.R. 40.45:

(A) Paragraph (a) shall be deleted and replaced by the following:

"(1) A commission-approved CCF form shall be used to document every urine collection required by the approved drug testing program. A commission-approved CCF form shall be a form containing the information listed below. There shall be five copies of the CCF form. Each form shall be labeled as follows:

"(A) 'Copy 1 — Laboratory';

"(B) 'Copy 2 — Medical Review Officer Copy';

"(C) 'Copy 3 — Collector Copy';

"(D) 'Copy 4 — Employer Copy'; and

"(E) 'Copy 5 — Donor Copy.'

"(2) All five copies of the CCF form shall contain the following information:

"(A) The following information on the form may be completed by either the collector or the employee representative:

"(i) Employer information, including the name, address, and identification number issued pursuant to K.A.R. 82-4-8h;

"(ii) the MRO name, address, telephone number, and fax number;

"(iii) the donor's social security or employee identification number;

"(iv) the reason for the testing;

"(v) the tests performed;

"(vi) the collection site address; and

"(vii) the collector's home telephone number and facsimile number;

"(B) The following information on the form shall be completed by the collector:

"(i) an indication of whether the specimen temperature within four minutes of collection was between 90 degrees and 100 degrees Fahrenheit;

"(ii) an indication regarding whether the specimen was single or split, or whether no specimen was provided; and

"(iii) a space for any other remarks the collector shall provide;

"(C) The collector shall certify the following information with his or her signature:

"(i) the collector's name, clearly printed;

"(ii) the date and time the collector released the specimen bottle for delivery to the laboratory; and

"(iii) the name of the delivery service transferring the specimen to the laboratory; and

"(D) The laboratory shall certify the following information by signature:

"(i) the name, printed clearly, of the person signing the certification as the employee of the laboratory receiving the specimen;

"(ii) an indication of whether the specimen bottle seal is intact; and

"(iii) an indication of who at the laboratory the specimen bottle was released to.

"(2) In addition to the information required in paragraph (a)(2) above, Copy 1 of the CCF shall include the following:

"(A) A specimen bottle seal, marked as 'A,' which shall contain the following information:

"(i) The specimen identification number;

"(ii) a circle in the center of the label which shall indicate which portion of the labels shall be positioned over the cap of the specimen bottle;

"(iii) the date the specimen was collected; and

"(iv) a space for the donor to initial the seal.

"(B) A specimen bottle seal, marked as 'B,' which shall contain the following information:

"(i) The specimen identification number;

"(ii) an indication that this is a split of the specimen bottle marked as 'A';

"(iii) a circle in the center of the label which shall indicate which portion of the labels shall be positioned over the cap of the specimen bottle;

"(iv) the date the specimen was collected; and

"(v) a space for the donor to initial the seal.

"(C) The following information, which shall be completed by the primary laboratory:

"(i) An indication of whether the test was negative or whether it contained evidence of the presence of a specific drug in the urine;

"(ii) a space for any additional remarks;

"(iii) the name of the testing laboratory, if it is a laboratory other than the one listed as having received the specimen according to paragraph (1)(D)(i);

"(iv) the printed name and signature of the scientist certifying the chain of custody and the test results; and

"(v) the date the certification was signed.

"(D) The following information, if split specimen results are tested by a secondary laboratory:

"(i) The secondary laboratory's name and address;

"(ii) an indication of whether the secondary laboratory was able to confirm the primary laboratory's results;

"(iii) if the secondary laboratory was unable to

confirm the primary laboratory's results, an indication of why;

"(iv) the printed name and signature of the scientist certifying the chain of custody and the test results; and

"(v) the date the certification was signed.

"(3) In addition to the information required in paragraph (a)(2) above, Copy 2, Copy 3, Copy 4, and Copy 5 shall contain the following:

"(A) The following information shall be provided by the donor:

"(i) The printed name and signature of the donor certifying that the donor provided his or her own urine to the collector, that the specimen was unadultered, that the specimen bottle was sealed with a tamper-evident seal in the donor's presence, and that the information provided on the seals and the CCF is correct;

"(ii) the date the CCF was signed by the donor;

"(iii) the donor's daytime and evening telephone numbers; and

"(iv) the donor's date of birth.

"(B) The medical review officer examining the primary specimen shall indicate whether:

"(i) the test was canceled;

"(ii) the donor refused to test because the sample was adulterated, substituted, or diluted;

"(iii) the test results were negative; or

"(iv) the test results were positive.

"(C) The medical review officer examining the primary specimen shall provide the following information:

"(i) Any remarks in addition to the test results;

"(ii) the printed name and signature of the medical review officer examining the specimen; and

"(iii) the date the medical review officer signed the CCF.

"(D) The medical review officer examining the split specimen shall provide the following information:

"(i) whether the primary medical review officer's test results were confirmed or unconfirmed;

"(ii) If the primary medical review officer's test results were not confirmed, a reason why;

"(iii) the printed name and signature of the medical review officer examining the split specimen; and

"(iv) the date the CCF was signed by the medical review officer examining the split specimen."

(B) The following revisions shall be made to paragraph (b):

(i) In the first sentence, the term "a non-Federal" shall be deleted and replaced by "an unapproved."

(ii) In the first sentence, the words "Federal" and "DOT" shall be deleted.

(iii) In the second sentence, the words "expired Federal" shall be deleted and replaced by "unapproved."

(iv) The third sentence shall be deleted.

(C) Paragraph (c)(3) shall be deleted.

(D) Paragraph (e) shall be deleted.

(18) The following revisions shall be made to 49 C.F.R. 40.47:

(A) The following changes shall be made to paragraph (a):

(i) The last sentence of paragraph (a) shall be deleted.

(ii) The term "non-Federal" shall be deleted and replaced by "unapproved."

(iii) The remaining uses of the term "DOT" shall be deleted and replaced by "approved."

(B) The following changes shall be made to paragraph (b):

(i) The phrase "a non-Federal" shall be deleted and replaced by "an unapproved."

(ii) The term "non-Federal" shall be deleted and replaced by "unapproved."

(iii) The term "a DOT" shall be deleted and replaced by "an approved."

(19) The following revisions shall be made to 49 C.F.R. 40.49:

(A) The term "DOT" shall be deleted and replaced by "approved."

(B) The phrase "as in effect on October 1, 2007, and hereby adopted by reference" shall be added after the phrase "Appendix A of this part."

(20) The following revisions shall be made to 49 C.F.R. 40.61:

(A) In paragraph (b)(1), the phrase "a DOT" shall be deleted and replaced by "an approved."

(B) The following revisions shall be made to paragraph (f)(3):

(i) The phrase "DOT agency authorized" shall be deleted.

(ii) The phrase "required by K.A.R. 82-4-6d, and by 49 C.F.R. 491.45, 391.45, and 391.49, as adopted by K.A.R. 82-4-3g" shall be added after "medical examination."

(21) The following revisions shall be made to 49 C.F.R. 40.63:

(A) Paragraph (a) shall be deleted and replaced by the following: "Complete the appropriate portions of the CCF as set forth in 49 C.F.R. 40.45."

(B) In paragraph (e), the term "(Step 2)" shall be deleted.

(22) The following revisions shall be made to 49 C.F.R. 40.65:

(A) Paragraph (b)(3) shall be deleted and be replaced by the following: "Indicate on the CCF whether the specimen temperature is within the acceptable range."

(B) Paragraph (b)(4) shall be deleted and replaced by the following: "If the specimen temperature is outside the acceptable range, indicate that finding in the space provided on the CCF."

(23) The following changes shall be made to 49 C.F.R. 40.67:

(A) Paragraph (e)(1) shall be deleted and replaced by the following: "Indicate the reason for the directly observed collection the same as for the first collection."

(B) Paragraph (e)(2) shall be deleted and replaced by the following: "Indicate on the CCF that the collection was observed and the reasons why."

(C) In paragraph (f), the term "(Step 2)" shall be deleted.

(24) In 49 C.F.R. 40.69(f), the term "(Step 2)" shall be deleted.

(25) The following revisions shall be made to 49 C.F.R. 40.71:

(A) In paragraph (a), the phrase "DOT agency drug testing regulations" shall be deleted and replaced by "this regulation and K.A.R. 82-4-3c."

(B) Paragraph (b)(1) shall be deleted and replaced by the following: "Indicate on the CCF that this was a split specimen collection."

(C) In paragraph (b)(7), the term "(Step 2)" shall be deleted.

(D) In paragraph (b)(8), the term "a DOT agency regulation" shall be deleted and replaced by "K.A.R. 82-4-6d or 49 C.F.R. 391.41, 391.43, 391.45, or 391.49, as adopted by K.A.R. 82-4-3g."

(26) The following revisions shall be made to 49 C.F.R. 40.73:

(A) In paragraph (a)(1), the terms "(Step 5)" and "(Step 2)" shall be deleted.

(B) In paragraph (a)(2), the term "(Step 4)" shall be deleted.

(C) In paragraph (a)(9), the phrase "applicable DOT agency regulations" shall be deleted and replaced by "the commission."

(27) 49 C.F.R. 40.81(b), (b)(1), (b)(2), (c), and (d) shall be deleted.

(28) The following revisions shall be made to 49 C.F.R. 40.83:

(A) Paragraph (b) shall be deleted.

(B) In paragraph (e), the phrase "in Step 4" shall be deleted.

(C) In paragraph (g), the phrase "a non-Federal form or an expired Federal" shall be deleted and replaced by "an unapproved."

(D) Paragraph (g)(2) shall be deleted.

(29) In 49 C.F.R. 40.85, the first two sentences shall be deleted and replaced by "The urine specimens shall be tested for only the following five drugs:".

(30) 49 C.F.R. 40.91 (e) shall be deleted and replaced by the following: "If a substance appears in a specimen which cannot be identified, complete testing of the specimen for drugs to the extent technically feasible."

(31) In 49 C.F.R. 40.99(b), the phrase "in accordance with HHS requirements" shall be deleted.

(32) In 49 C.F.R. 40.101(b), the words "the Department regards as creating" shall be deleted and replaced by "create."

(33) The following revisions shall be made to 49 C.F.R. 40.103:

(A) In paragraphs (a) and (b), the term "DOT-covered" shall be deleted and replaced by "commission-regulated motor carrier."

(B) In paragraph (c), the term "DOT" shall be deleted and replaced by "approved."

(C) In paragraphs (c) and (c)(1), the phrase "with a substance cited in HHS guidance" shall be deleted.

(34) In 49 C.F.R. 40.105(c), the last two sentences shall be deleted.

(35) The following revisions shall be made to 49 C.F.R. 40.107:

(A) The words "ODAPC, a DOT agency, or a DOT-regulated" shall be deleted and replaced by "a special agent or authorized representative or a commission-regulated."

(B) The remaining term "DOT" shall be deleted and replaced by "approved."

(36) The following revisions shall be made to 49 C.F.R. 40.111:

(A) In paragraph (a), the phrase "as in effect on October 1, 2007, and hereby adopted by reference," shall be added after the term "Appendix B to this part."

(B) In paragraph (b), the phrase "a DOT agency" shall be deleted and replaced by "the commission."

(37) In 49 C.F.R. 40.113, the first sentence shall be deleted and replaced with "Other infor-

mation concerning laboratories may be found in the following sections of 49 C.F.R. Part 40, as adopted by this regulation:".

(38) The following revisions shall be made to 49 C.F.R. 40.121:

(A) In the first paragraph, the term "DOT" shall be deleted and replaced by "approved."

(B) The following revisions shall be made to paragraph (b)(3):

(i) The first instance of the phrase "the DOT MRO Guidelines, and the DOT agency regulations" shall be deleted and replaced by "K.A.R. 82-4-3c."

(ii) The last sentence shall be deleted.

(C) Paragraph (c)(1)(vi) shall be deleted and replaced by "Provisions of this regulation and K.A.R. 82-4-3c, as well as issues that MROs confront in carrying out their duties under this regulation and K.A.R. 82-4-3c."

(D) In paragraph (c)(2), the term "DOT-mandated" shall be deleted and replaced by "approved."

(E) Paragraphs (c)(3), (c)(3)(i), (c)(3)(ii), (c)(3)(iii), and (d)(3) shall be deleted.

(F) In paragraph (e), the term "DOT agency" shall be deleted and replaced by "special agents and authorized."

(39) The following revisions shall be made to 49 C.F.R. 40.123:

(A) The following revisions shall be made to paragraph (b)(3):

(i) The words "the ODAPC or a relevant DOT agency" shall be deleted and replaced by "the commission."

(ii) The second occurrence of the term "DOT" shall be deleted.

(iii) The remaining occurrences of the term "DOT" shall be deleted and replaced by "the commission."

(B) In paragraph (e), the first parenthetical phrase shall be deleted.

(C) In paragraph (h), the term "other DOT agency regulations" shall be deleted and replaced by "this regulation and K.A.R. 82-4-3c."

(40) The following revisions shall be made to 49 C.F.R. 40.127:

(A) In paragraph (e) the words "place a check mark in the 'Negative' box (Step 6)" shall be deleted and replaced by "indicate whether the results were negative."

(B) In paragraph (g), the words "check the 'Test Cancelled' box (Step 6)" shall be deleted and replaced by "indicate that the test was cancelled."

(C) In paragraph (g)(4), the term "DOT agencies" shall be deleted and replaced by "the commission."

(41) The following revisions shall be made to 49 C.F.R. 40.129:

(A) In paragraph (c), the words "place a check mark in the 'Positive' box (Step 6)" shall be deleted and replaced by "indicate that the test was positive."

(B) In paragraph (d), the words "check the 'test cancelled' box (Step 6)" shall be deleted and replaced by "indicate that the test was cancelled."

(C) The following revisions shall be made to paragraph (f):

(i) The words "check the 'refusal to test because:' box (Step 6)" shall be deleted and replaced by "indicate that the test was refused because it was adulterated or substituted."

(ii) The words "check the 'Adulterated' or 'Substituted' box, as appropriate" shall be deleted.

(42) 49 C.F.R. 40.145 shall be revised as follows:

(A) In paragraph (g)(2)(ii)(A), the term "a DOT" shall be deleted and replaced by "an approved."

(B) In paragraph (g)(2)(ii)(B), the term "DOT agency regulation" shall be deleted and replaced by "commission statute, regulation, or order."

(C) In paragraph (g)(5), the term "ODAPC" shall be deleted and replaced by "the commission."

(43) The following revisions shall be made to 49 C.F.R. 40.151:

(A) In paragraph (a), the term "DOT" shall be deleted.

(B) In paragraph (c), the phrase "DOT agency drug or alcohol regulation" shall be deleted and replaced by "this regulation or K.A.R. 82-4-8c."

(C) In paragraph (e), a period shall be placed after the word "drug," and the remainder of the paragraph shall be deleted.

(44) In 49 C.F.R. 40.155(b), the words "check the 'dilute' box (Step 6)" shall be deleted and replaced by "indicate that the specimen is dilute."

(45) In 49 C.F.R. 40.159(a)(4)(i) and (a)(5)(i), and 49 C.F.R. 40.161(a), the words "Place a check mark in the 'Test Cancelled' box (Step 6)" shall be deleted and replaced by "Indicate that the test was cancelled."

(46) In 49 C.F.R. 40.163(e), the term "DOT" shall be deleted and replaced by "special agent or authorized."

(47) In 49 C.F.R. 40.169, the first sentence

shall be deleted and replaced with "Other information concerning the role of MROs and the verification process can be found in the following sections of 49 C.F.R. Part 40, as adopted by this regulation:".

(48) The following revisions shall be made to 49 C.F.R. 40.183:

(A) In paragraph (a), the words "checking the 'Reconfirmed' box or the 'Failed to Reconfirm' box (Step 5(b))" shall be deleted and replaced by "indicating whether the test was reconfirmed."

(B) The following revisions shall be made to paragraph (b):

(i) The words "check the 'Failed to Reconfirm' box" shall be deleted and replaced by "indicate that the attempt to reconfirm failed."

(ii) The term "(Step 5(b))" shall be deleted.

(49) The following revisions shall be made to 49 C.F.R. 40.187:

(A) The following revisions shall be made to paragraphs (b)(2), (c)(2), (d)(3), (e)(3), and (f)(3):

(i) The phrase "Appendix D to this part" shall be deleted and replaced by "paragraph (i)."

(ii) The term "ODAPC" shall be deleted and replaced by "commission."

(B) In paragraph (g), the words "sign and date (Step 7) of" shall be deleted and replaced by "signature and date on."

(C) The following paragraph shall be added after paragraph (h):

"(i) When there is a failure to reconfirm, the MRO shall inform the commission by telefacsimile to (785) 271-3283, or by mail to the transportation division, Kansas corporation commission, 1500 S.W. Arrowhead Road, Topeka, KS 66604. The following format shall be used to provide the information to the commission:

"(1) MRO name, address, phone number, and telefacsimile number;

"(2) collection site name, address, and phone number;

"(3) date of collection;

"(4) specimen identification number;

"(5) laboratory accession number;

"(6) primary specimen laboratory name, address, and telephone number;

"(7) date result reported or certified by primary laboratory;

"(8) split specimen laboratory name, address, and telephone number;

"(9) date split specimen result reported or certified by split specimen laboratory;

"(10) primary specimen results for the primary specimen;

"(11) reason for split specimen failure-to-reconfirm result;

"(12) actions taken by the MRO;

"(13) additional information explaining the reason for cancellation; and

"(14) name of individual submitting the report, if not the MRO."

(50) In 49 C.F.R. 40.189, the first sentence shall be deleted and replaced with "Other information concerning split specimens can be found in the following sections of 49 C.F.R. Part 40, as adopted by this regulation:".

(51) The following revisions shall be made to 49 C.F.R. 40.191:

(A) In paragraph (d)(1), the term "(Step 2)" shall be deleted.

(B) In paragraph (d)(2), the words "checking the 'refused to test because' box (Step 6)" shall be deleted and replaced by "indicating that the test was refused."

(52) The following revisions shall be made to 49 C.F.R. 40.193:

(A) In paragraph (b)(2), (b)(3), and (b)(4), the term "(Step 2)" shall be deleted.

(B) In paragraph (d)(1)(i), the words "Check 'Test Cancelled' (Step 6)" shall be deleted and replaced by "Indicate that the test was cancelled."

(C) In paragraph (d)(2)(i), the words "Check 'Refusal to test because' (Step 6)" shall be deleted and replaced by "Indicate that the test was refused."

(53) In 49 C.F.R. 40.195(b)(1), the words "Check 'Negative' (Step 6)" shall be deleted and replaced by "Indicate that the results are negative."

(54) The following revisions shall be made to 49 C.F.R. 40.203(d)(3):

(A) The words "a non-Federal form or an expired Federal" shall be deleted and replaced by "an unapproved."

(B) The last two sentences shall be deleted.

(55) The following revisions shall be made to 49 C.F.R. 40.205(b)(2):

(A) In the first sentence, the words "a non-Federal form or an expired Federal" shall be deleted and replaced by "an unapproved."

(B) The first instance of the term "DOT" shall be deleted and replaced by "commission."

(C) In the third sentence, the words "non-Federal forms or expired Federal" shall be deleted and replaced by "unapproved."

(D) The second instance of the term "DOT" shall be deleted and replaced by "approved."

(56) The following revisions shall be made to 49 C.F.R. 40.207:

(A) In paragraphs (a)(1) and (b), the term "DOT" shall be deleted and replaced by "commission."

(B) The following revisions shall be made to paragraph (c):

(i) The term "DOT" shall be deleted and replaced by "approved."

(ii) The term "a non-DOT" shall be deleted and replaced by "an unapproved."

(57) The following revisions shall be made to 49 C.F.R. 40.208:

(A) The following revisions shall be made to paragraph (a):

(i) The term "DOT" shall be deleted and replaced by "commission."

(ii) The word "checked" shall be deleted and replaced by "noted."

(B) Paragraph (c) shall be deleted.

(58) The following revisions shall be made to 49 C.F.R. 40.213:

(A) In the first paragraph, the term "DOT" shall be deleted and replaced by "commission."

(B) In paragraph (a), the words "and the current DOT guidance" and the last sentence of the paragraph shall be deleted.

(C) Paragraph (b)(1) shall be deleted.

(D) Paragraphs (d), (d)(1), (d)(2), and (e) shall be deleted and replaced by the following: "All BAT's and STT's shall, no less frequently than every five years from the date on which they met the requirements of paragraphs (b) and (c), complete refresher training which meets the requirements of paragraphs (b) and (c)."

(E) In paragraph (g), the phrase "DOT agency" shall be deleted and replaced by "special agent and authorized."

(F) In paragraph (h)(2), the term "DOT" shall be deleted and replaced by "commission."

(59) In 49 C.F.R. 40.217, the first sentence shall be deleted and replaced with "Other information on the role of STTs and BATs can be found in the following sections of 49 C.F.R. Part 40, as adopted by this regulation:".

(60) In 49 C.F.R. 221(a), the term "DOT" shall be deleted and replaced by "commission."

(61) In 49 C.F.R. 40.223(a) and (b), the phrase "DOT agency" shall be deleted and replaced by "special agent or authorized."

(62) The following revisions shall be made to 49 C.F.R. 40.225:

(A) Paragraph (a) shall be deleted and replaced by the following:

"(a) (1) A commission-approved alcohol testing form ('ATF') shall be used for every approved alcohol test. There shall be three copies of the ATF form. Each form shall be labeled as follows:

"(A) 'Copy 1 — Original — Forward to the Employer';

"(B) 'Copy 2 — Employee Retains'; and

"(C) 'Copy 3 — Alcohol Technician Retains.'

"(2) All three copies of the ATF form shall contain the following information:

"(A) The top of the form shall be referred to as 'step 1' and shall consist of information completed by the alcohol technician, and shall include:

"(i) The employee's name;

"(ii) the employee's social security number or employee identification number;

"(iii) the employer's name and address;

"(iv) the DER's name and telephone number; and

"(v) whether the test is being done at random, for reasonable suspicion, post-accident, for return to duty, as a follow-up, or for pre-employment.

"(B) The second part of the form shall be referred to as 'step 2' and shall be a dated certification signed by the employee that he or she is about to submit to alcohol testing and that the identifying information on the form is true and correct.

"(C) The third part of the form shall be referred to as 'step 3' and shall consist of information completed by the alcohol technician, including:

"(i) A signed and dated certification that the alcohol technician conducted the alcohol testing on the named employee in compliance with the alcohol testing regulations, that the alcohol technician is certified to conduct such testing, and that the results were properly recorded;

"(ii) an indication of whether the technician is a BAT or STT;

"(iii) an indication of whether a saliva or breath device was used to conduct the test;

"(iv) an indication of whether there was a 15-minute wait;

"(v) the test number;

"(vi) the testing device name;

"(vii) the testing device lot number and expiration date, or serial number;

"(viii) the testing device activation time;

"(ix) the time the testing device was read;

"(x) the result indicated by the testing device;

"(xi) the results of any confirmation test;

"(xii) any additional remarks;

"(xiii) the alcohol technician's company name, address, and telephone number;

"(xiv) the alcohol technician's printed name;

"(xv) the date the alcohol technician signed the form.

"(D) The fourth part of the form shall be referred to as 'step 4' and shall be a signed and dated certification completed by the employee if the test result is 0.02 or higher. The certification shall state that the employee submitted to the alcohol test, and that the test results are accurately recorded on the form. The certification shall further state that the employee understands he or she shall not drive, perform safety-sensitive duties, or operate heavy equipment because the alcohol test result is 0.02 or higher."

(B) In paragraph (b), the term "DOT" shall be deleted and replaced by "approved."

(C) Paragraph (c) shall be deleted.

(63) The following revisions shall be made to 49 C.F.R. 40.227:

(A) In paragraph (a), the term "non-DOT" shall be deleted and replaced by "unapproved."

(B) The term "DOT" as it appears in the first instance in paragraph (a) shall be deleted and replaced by "approved."

(C) In paragraph (a), the last sentence shall be deleted.

(D) In paragraph (b), the term "a non-DOT" shall be deleted and replaced by "an unapproved."

(E) In paragraph (b), the term "a DOT" shall be deleted and replaced by "an approved."

(64) The following changes shall be made to 49 C.F.R. 40.229:

(A) The phrase "adopted in this regulation" shall be added after "conforming products lists (CPL)."

(B) The term "DOT" shall be deleted and replaced by "approved."

(65) In 49 C.F.R. 40.231(a), the last sentence shall be deleted.

(66) The following revisions shall be made to 49 C.F.R. 40.233:

(A) Paragraphs (a), (a)(1), and (a)(2) shall be deleted.

(B) The following changes shall be made to paragraph (c):

(1) In paragraph (c)(2), the words "as in effect on August 13, 1997, and appearing in Volume 62 of the Code of Federal Regulations, beginning at page 43425, and hereby adopted by reference" shall be added after the phrase " 'Calibrating Units for Breath Alcohol Tests.' "

(2) In paragraph (c)(3), the term "DOT" shall be deleted and replaced by "approved."

(67) In 49 C.F.R. 40.241, the phrase "a DOT" shall be deleted and replaced by "an approved."

(68) In 49 C.F.R. 40.251(g), the phrase "DOT agency" shall be deleted and replaced by "commission."

(69) The following revisions shall be made to 49 C.F.R. 40.261:

(A) In paragraphs (a)(1), (a)(3), and (b), the phrase "DOT agency" shall be deleted and replaced by "commission."

(B) The following changes shall be made to paragraph (d):

(1) The phrase "a non-DOT" shall be deleted and replaced by "an unapproved."

(2) The phrase "DOT agency" shall be deleted and replaced by "commission."

(3) The phrase "a DOT" shall be deleted and replaced by "an approved."

(70) The following revisions shall be made to 49 C.F.R. 40.265:

(A) In paragraph (c)(1)(i), the term "DOT" shall be deleted and replaced by "commission."

(B) In paragraph (c)(1)(ii), the phrase "of the appropriate DOT agency regulation" shall be deleted and replaced by "of the applicable commission statutes, regulations, and orders."

(71) In 49 C.F.R. 40.269(c), the term "a non-DOT" shall be deleted and replaced by "an unapproved."

(72) The following revisions shall be made to 49 C.F.R. 40.271(b)(2):

(A) The term "a non-DOT" shall be deleted and replaced by "an unapproved."

(B) The phrase "a valid DOT" shall be deleted and replaced by "an approved."

(C) The remaining term "non-DOT" shall be deleted and replaced by "unapproved."

(D) The remaining term "DOT" shall be deleted and replaced by "approved."

(73)The following revisions shall be made to 49 C.F.R. 40.273:

(A) In paragraph (b), the term "DOT" shall be deleted and replaced by "commission."

(B) The following revisions shall be made to paragraph (d):

(i) The term "DOT" shall be deleted and replaced by "approved."

(ii) The words "a non-DOT" shall be deleted and replaced by "an unapproved."

(74) In paragraph 49 C.F.R. 40.275, the phrase "DOT agency" shall be deleted and replaced by "commission."

(75) The following revisions shall be made to 49 C.F.R. 40.281:

(A) In the first sentence, the term "DOT" shall be deleted and replaced by "commission."

(B) The following revisions shall be made to paragraph (b)(3):

(i) The term "DOT agency" shall be deleted and replaced by "commission."

(ii) The words "and the DOT SAP guidelines" shall be deleted.

(iii) The last sentence shall be deleted.

(C) The following changes shall be made to paragraph (c)(1)(ii):

(i) The phrase "as adopted by K.A.R. 82-4-3b" shall be inserted after "49 C.F.R. Part 40."

(ii) The phrase "DOT agency" shall be deleted and replaced by "commission."

(D) In paragraphs (c)(1)(iii) and (c)(1)(iv), the term "DOT" shall be deleted and replaced by "commission."

(E) Paragraphs (c)(3), (c)(3)(i), (c)(3)(ii), and (c)(3)(iii) shall be deleted.

(F) In paragraph (d)(1), the term "DOT" shall be deleted and replaced by "commission drug and alcohol testing."

(G) In paragraph (e), the phrase "DOT agency" shall be deleted and replaced by "special agent and authorized."

(76) 49 C.F.R. 40.283 shall be deleted.

(77) The following revisions shall be made to 49 C.F.R. 40.285:

(A) The following revisions shall be made to paragraph (a):

(i) The term "DOT" shall be deleted and replaced by "commission."

(ii) The term "DOT agency" shall be deleted and replaced by "commission."

(B) The following revisions shall be made to paragraph (b):

(i) The first instance of the term "DOT" shall be deleted.

(ii) The words "a DOT" shall be deleted and replaced by "an approved."

(iii) The words "DOT agency" shall be deleted and replaced by "commission."

(iv) The last instance of the term "DOT" shall be deleted and replaced by "commission."

(78) In 49 C.F.R. 40.287, the term "DOT" shall be deleted and replaced by "commission."

(79) In 49 C.F.R. 40.289(a) and (b), the term "DOT" shall be deleted and replaced by "commission."

(80) In 49 C.F.R. 40.293, the term "DOT" in the first paragraph and paragraphs (b), (b)(1), (f), and (f)(2) shall be deleted and replaced by "commission."

(81) In 49 C.F.R. 40.295(a), the term "DOT" shall be deleted and replaced by "commission."

(82) In 49 C.F.R. 40.305(c), the term "DOT agency" shall be deleted and replaced by "commission."

(83) The following revisions shall be made to 49 C.F.R. 40.307:

(A) In paragraph (a), the term "DOT" shall be deleted and replaced by "commission."

(B) In paragraph (c), the term "DOT agency" shall be deleted and replaced by "commission."

(84) The following revisions shall be made to 49 C.F.R. 40.311:

(A) In paragraphs (c)(3), (d)(3), and (e)(3), the term "DOT" shall be deleted and replaced by "commission."

(B) In paragraph (g), the words "DOT agency representatives (e.g., inspectors conducting an audit or safety investigation) and representatives of the NTSB in an accident investigation" shall be deleted and replaced by "special agents and authorized representatives."

(85) In paragraph 49 C.F.R. 40.313, the first sentence shall be deleted and replaced by "Other information on the role of functions of SAPs can be found in the following sections:".

(86) In the first paragraph of 49 C.F.R. 40.321, the term "DOT" shall be deleted and replaced by "commission."

(87) In 49 C.F.R. 40.323(a)(1), the term "DOT" shall be deleted and replaced by "commission."

(88) The following revisions shall be made to 49 C.F.R. 40.327:

(A) In paragraph (a)(1), the term "DOT agency" shall be deleted and replaced by "commission."

(B) The following revisions shall be made to paragraph (b):

(i) The first instance of the term "DOT agency" shall be deleted and replaced by "commission."

(ii) The words "the commission" shall be added before the phrase "a DOT agency."

(89) In 49 C.F.R. 40.329(a), the term "DOT-

mandated" shall be deleted and replaced by "commission."

(90) The following revisions shall be made to 49 C.F.R. 40.331:

(A) In paragraph (b), the phrase "DOT agency" shall be deleted and replaced by "special agent or authorized."

(B) In paragraphs (b)(1), (b)(2), and (c)(1), the term "DOT agency" shall be deleted and replaced by "commission."

(C) In paragraph (c), the term "DOT agency representatives" shall be deleted and replaced by "a special agent or authorized representative."

(D) In paragraph (c)(2), the term "DOT agency" shall be deleted and replaced by "commission."

(E) In paragraph (f), the term "ODAPC" shall be deleted and replaced by "the commission."

(91) The following revisions shall be made to 49 C.F.R. 40.333:

(A) In paragraph (b), the parenthetical text shall be deleted.

(B) The following revisions shall be made to paragraph (d):

(i) The term "DOT agency" shall be deleted and replaced by "commission."

(ii) The last sentence shall be deleted.

(C) In paragraph (e), the phrase "DOT agency personnel" shall be deleted and replaced by "a special agent or authorized representative."

(92) 49 C.F.R. 40.341 shall be deleted.

(93) In 49 C.F.R. 40.343, the term "DOT agency" shall be deleted and replaced by "commission."

(94) In 49 C.F.R. 40.345(b), the phrase "to this part" shall be deleted and replaced by "as in effect on October 1, 2007, and hereby incorporated by reference."

(95) The following revisions shall be made to 49 C.F.R. 40.347:

(A) In paragraph (b), the phrase "the DOT agency" shall be deleted and replaced by "commission."

(B) In paragraph (b)(1), the phrase "each DOT agency" shall be deleted and replaced by "the commission."

(C) The following revisions shall be made to paragraph (b)(2):

(i) The term "DOT agency" shall be deleted and replaced by "commission."

(ii) The term "DOT covered" shall be deleted and replaced by "commission-regulated."

(96) The following revisions shall be made to 49 C.F.R. 40.349:

(A) In paragraph (a), the term "DOT" shall be deleted and replaced by "commission."

(B) In paragraph (e), the term "DOT agency" shall be deleted and replaced by "special agent or authorized."

(97) In 49 C.F.R. 40.353(c), the term "DOT agency" shall be deleted and replaced by "commission."

(98) The following revisions shall be made to 49 C.F.R. 40.355:

(A) In the first sentence, the term "DOT" shall be deleted and replaced by "commission."

(B) The following revisions shall be made to paragraph (m):

(i) The term "DOT" shall be deleted and replaced by "commission."

(ii) The last sentence shall be deleted.

(C) The following revisions shall be made to paragraph (o):

(i) The term "DOT agency" shall be deleted and replaced by "commission."

(ii) The term "DOT" shall be deleted and replaced by "commission."

(iii) The word "Department" shall be deleted and replaced by "commission."

(99) 49 C.F.R. 40.361 through 49 C.F.R. 40.413 shall be deleted.

(100) In the title and the first sentence of Appendix H to Part 40, the terms "DOT" and "DOT agency" shall be deleted and replaced by "commission."

(b) Whenever the federal regulations adopted in this regulation refer to portions of the federal regulations or other operating standards that are not already adopted by reference in article 4 of the commission's regulations, the references shall not be applicable to this regulation unless otherwise specifically adopted. (Authorized by and implementing K.S.A. 2008 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2008 Supp. 66-1,129; effective, T-82-12-29-04, Dec. 29, 2004; effective April 29, 2005; amended Oct. 2, 2009.)

82-4-3c. Testing for controlled substances and alcohol use. (a) With the following exceptions, 49 C.F.R. Part 382, as in effect on October 1, 2007, is hereby adopted by reference:

(1) The following revisions shall be made to 49 C.F.R. 382.103:

(A) In paragraph (a), the phrase "any State"

shall be deleted and replaced by "the state of Kansas."

(B) In paragraph (a)(2), the word "or" shall be deleted.

(C) Following paragraph (a)(3), delete the period, add a semicolon, and insert the following: "or (4) the Kansas uniform commercial drivers' license act, found at K.S.A. 8-2,126 et seq."

(D) In paragraph (c), the phrase "Sec. 390.3(f) of this subchapter" shall be deleted and replaced by "49 C.F.R. 390.3(f), as adopted by K.A.R. 82-4-3f."

(E) Paragraph (d)(1) shall be deleted.

(F) Paragraph (d)(2) shall be deleted and replaced by the following: "(2) Operating vehicles exempted from the Kansas uniform commercial drivers' license act by K.S.A. 8-2,127."

(G) 49 C.F.R. 382.103(d)(3) shall be deleted.

(2) In 49 C.F.R. 382.105, the phrase "part 40 of this title" shall be deleted and replaced by "49 C.F.R. Part 40, as adopted by K.A.R. 82-4-3b."

(3) The following revisions shall be made to 49 C.F.R. 382.107:

(A) In the first paragraph, the phrase "Secs. 386.2 and 390.5 of this subchapter, and Sec. 40.3 of this title" shall be deleted and replaced by "49 C.F.R. 390.5, as adopted by K.A.R. 82-4-3f, and 49 C.F.R. 40.3, as adopted by K.A.R. 82-4-3b."

(B) The definition of "commerce" shall be deleted and replaced by the following: " 'Commerce' means any trade, traffic or transportation within the jurisdiction of the state of Kansas, and any trade, traffic and transportation which affects any trade, traffic and transportation within the jurisdiction of the state of Kansas."

(C) The phrase "as adopted by K.A.R. 82-4-30" shall be inserted after the phrase "(49 C.F.R. part 172, subpart F)" in the definition of commercial motor vehicle.

(D) In the definition of "consortium/third party administrator," the phrase "DOT-regulated employers" shall be deleted and replaced by the phrase "Kansas-regulated or USDOT-regulated employers." The phrase "DOT drug and alcohol testing programs" shall be deleted and replaced by "Kansas or USDOT drug and alcohol testing programs."

(E) In the definition of "controlled substances," the phrase "Sec. 40.85 of this title" shall be deleted and replaced by "49 C.F.R. 40.85, as adopted by K.A.R. 82-4-3b."

(F) The definition of "DOT agency" shall be deleted and replaced by the following: " 'USDOT agency' means an agency of the United States department of transportation administering regulations requiring alcohol or drug testing or both in accordance with 49 C.F.R. Part 40, as adopted by K.A.R. 82-4-3b."

(G) The following revisions shall be made to the definition of "employer":

(i) The phrase "DOT agency regulations" shall be deleted and replaced by "Kansas or USDOT agency regulations."

(ii) The phrase "DOT drug and alcohol program requirements" shall be deleted and replaced by "Kansas or USDOT drug and alcohol program requirements."

(iii) The phrase "DOT agency regulations" shall be deleted and replaced by "Kansas or USDOT agency regulations."

(H) The following revisions shall be made to the definition of "refusal to submit":

(i) The phrase "DOT agency regulations" shall be deleted and replaced by "Kansas and USDOT agency regulations."

(ii) In paragraph (1), the phrase "Sec. 40.61(a) of this title" shall be deleted and replaced by "49 C.F.R. 40.61(a), as adopted by K.A.R. 82-4-3b."

(iii) In paragraphs (2) and (3), the phrase "Sec. 40.63(c) of this title" shall be deleted and replaced by "49 C.F.R. 40.63(c), as adopted by K.A.R. 82-4-3b."

(iv) In paragraph (4), the phrase "Secs. 40.67(l) and 40.69(g) of this title" shall be deleted and replaced by "49 C.F.R. 40.67(l) and 40.69(g), as adopted by K.A.R. 82-4-3b."

(v) In paragraph (5), the phrase "Sec. 40.193(d)(2) of this title" shall be deleted and replaced by "49 C.F.R. 40.193(d)(2), as adopted by K.A.R. 82-4-3b."

(vi) In paragraph (7), the phrase "Sec. 40.193(d) of this title" shall be deleted and replaced by "49 C.F.R. 40.193(d), as adopted by K.A.R. 82-4-3b."

(I) The following revisions shall be made to the definition of "safety-sensitive function":

(i) The phrase "Secs. 392.7 and 392.8 of this subchapter" shall be deleted and replaced by "49 C.F.R. 392.7 and 392.8, as adopted by K.A.R. 82-4-3h."

(ii) The phrase "Sec. 393.76 of this subchapter" shall be deleted and replaced by "49 C.F.R. 393.76, as adopted by K.A.R. 82-4-3i."

(4) 49 C.F.R. 382.109 shall be deleted.

(5) In 49 C.F.R. 382.117, the phrase "49 CFR part 40, Subpart R" shall be deleted and replaced

by "49 C.F.R. Part 40, Subpart R, as adopted by K.A.R. 82-4-3b."

(6) The following revisions shall be made to 49 C.F.R. 382.119:

(A) The phrase "Federal Motor Carrier Safety Administration" shall be deleted and replaced by "transportation division of the corporation commission."

(B) The phrase "as adopted by K.A.R. 82-4-3b" shall be inserted after the phrase "49 CFR 40.21."

(C) The last sentence of paragraph (b) shall be deleted and replaced by the following: "The employer shall send a written request, which shall include all of the information required by that section to the Director of the Transportation Division, Kansas Corporation Commission, 1500 S.W. Arrowhead Road, Topeka, KS 66604."

(D) In paragraphs (c) and (d), the phrase "Administrator or the Administrator's designee" shall be deleted and replaced by "director of the transportation division of the Kansas corporation commission."

(E) Paragraph (e) shall be deleted.

(7) In 49 C.F.R. 382.121(a), the phrase "part 40 of this title" shall be deleted and replaced by "49 C.F.R. Part 40, as adopted by K.A.R. 82-4-3b."

(8) The following revisions shall be made to 49 C.F.R. 382.301:

(A) In paragraph (b)(3), the phrase "DOT agency" shall be deleted and replaced by "state or USDOT agency."

(B) In paragraphs (c)(1)(iii) and (c)(2), the phrase "part 40 of this title" shall be deleted and replaced by "49 C.F.R. Part 40, as adopted by K.A.R. 82-4-3b."

(C) In paragraph (d)(4), the phrase "49 CFR Part 40 of this title" shall be deleted and replaced by "49 C.F.R. Part 40, as adopted by K.A.R. 82-4-3b."

(9) The following revisions shall be made to 49 C.F.R. 382.303(h)(3):

(A) The phrase "(as defined in Sec. 571.3 of this title)" shall be deleted.

(B) The phrase "Sec. 177.823 of this title" shall be deleted and replaced by "49 C.F.R. 177.823, as adopted by K.A.R. 82-4-20."

(10) The following revisions shall be made to 49 C.F.R. 382.305:

(A) Paragraphs (c), (d), (e), (f), (g), (h), and (n) shall be deleted.

(B) In paragraph (o), the phrase "DOT agency" shall be deleted and replaced by "USDOT or state agency."

(11) In 49 C.F.R. 382.309, 382.311, and 382.605, the phrase "49 CFR part 40, Subpart O" shall be deleted and replaced by "49 C.F.R. Part 40, Subpart O, as adopted by K.A.R. 82-4-3b."

(12) In 49 C.F.R. 382.503 and 382.601(b)(9), the phrase "part 40, subpart O, of this title" shall be deleted and replaced by "49 C.F.R. Part 40, Subpart O, as adopted by K.A.R. 82-4-3b."

(13) The following revisions shall be made to 49 C.F.R. 382.401:

(A) In paragraph (b)(3), the phrase "part 40 of this title" shall be deleted and replaced by "49 C.F.R. Part 40, as adopted by K.A.R. 82-4-3b."

(B) In paragraph (c)(2)(iii), the phrase "part 40, subpart G, of this title" shall be deleted and replaced by "49 C.F.R. Part 40, as adopted by K.A.R. 82-4-3b."

(C) In paragraph (c)(5)(iv), the phrase "Sec. 40.213(a)" shall be deleted and replaced by "49 C.F.R. 40.213(a), as adopted by K.A.R. 82-4-3b."

(D) In paragraph (c)(6)(iii), the phrase "Sec. 40.111(a)" shall be deleted and replaced by "49 C.F.R. 40.111(a), as adopted by K.A.R. 82-4-3b."

(E) The following revisions shall be made to paragraph (d):

(i) The phrase "Sec. 390.31 of this subchapter" shall be deleted and replaced by "49 C.F.R. 390.31, as adopted by K.A.R. 82-4-3f."

(ii) The phrase "Federal Motor Carrier Safety Administration" shall be deleted and replaced by "transportation division of the Kansas corporation commission."

(F) Paragraph (e) shall be deleted.

(14) 49 C.F.R. 382.403 shall be revised as follows:

(A) In paragraph (a), the words "the Secretary of Transportation, any DOT agency, or" shall be deleted.

(B) The following changes shall be made to paragraph (b):

(i) The terms "Federal Motor Carrier Safety Administration" and "FMCSA" shall be deleted and replaced by "transportation division of the Kansas corporation commission."

(ii) The phrase "sec. 40.26" shall be deleted and replaced by "49 C.F.R. 40.26, as adopted by K.A.R. 82-4-3b."

(iii) The phrase "part 40" shall be deleted and replaced by "49 C.F.R. Part 40, as adopted by K.A.R. 82-4-3b."

(iv) The term "DOT" shall be deleted and re-

placed by "Kansas Corporation Commission or the USDOT."

(v) The word "Administrator" shall be deleted and replaced by "Director of the Transportation Division of the Kansas Corporation Commission."

(C) In paragraph (c), the term "FMCSA" shall be deleted and replaced by "Transportation Division of the Kansas Corporation Commission."

(D) In paragraph (d), the phrase "state or" shall be inserted before all occurrences of the term "DOT." The term "DOT" shall be replaced by the term "USDOT."

(15) The following revisions shall be made to 49 C.F.R. 382.405:

(A) In paragraphs (c) and (d), the words "the Secretary of Transportation, any DOT agency, or" shall be deleted.

(B) In paragraph (e), the phrase "National Transportation Safety Board" shall be deleted and replaced by "commission."

(C) In paragraph (g), the phrase "state or" shall be added before the phrase "DOT drug."

(D) In paragraph (g), the phrase "Sec. 40.323(a)(2)" shall be deleted and replaced by "49 C.F.R. 40.323(a)(2), as adopted by K.A.R. 82-4-3b."

(E) In paragraph (h), the phrase "Sec. 40.321(b) of this title" shall be deleted and replaced by "49 C.F.R. 40.321(b), as adopted by K.A.R. 82-4-3b."

(16) In 49 C.F.R. 382.407 and 382.409, the phrase "part 40, Subpart G, of this title" shall be deleted and replaced by "49 C.F.R. 40.321(b), as adopted by K.A.R. 82-4-3b."

(17) In 49 C.F.R. 382.413, the phrase "Sec. 40.25 of this title" shall be deleted and replaced by "49 C.F.R. 40.25, as adopted by K.A.R. 82-4-3b."

(18) The following revisions shall be made to 49 C.F.R. 382.501:

(A) The phrase "state or" shall be added before the phrase "DOT agency."

(B) The phrase "part 390 of this subchapter" shall be deleted and replaced by "49 C.F.R. Part 390, as adopted by K.A.R. 82-4-3f."

(19) 49 C.F.R. 382.507 shall be deleted.

(b) Whenever the federal regulations adopted in this regulation refer to portions of the federal regulations or other operating standards that are not already adopted by reference in article 4 of the commission's regulations, the references shall not be applicable to this regulation unless otherwise specifically adopted. (Authorized by and implementing K.S.A. 2008 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2008 Supp. 66-1,129; effective, T-82-12-29-04, Dec. 29, 2004; effective April 29, 2005; amended Oct. 2, 2009.)

82-4-3d. Safety fitness procedures. (a) With the following exceptions, 49 C.F.R. Part 385, as in effect on October 1, 2009, is hereby adopted by reference:

(1) In 49 C.F.R. 385.1, paragraphs (a) and (b) shall be deleted.

(2) The following revisions shall be made to 49 C.F.R. 385.3:

(A) In paragraph (1) of the definition of "Reviews," the last sentence shall be deleted.

(B) The definition of "Safety ratings," including paragraphs (1), (2), (3), and (4), shall be deleted.

(3) The first paragraph of 49 C.F.R. 385.5 shall be deleted and replaced by the following: "In cooperation with the FMCSA, special agents and authorized representatives shall conduct reviews in order to gather the information necessary for the FMCSA to issue a safety rating for a motor carrier. Information gathered shall include information necessary to demonstrate that the motor carrier has adequate safety management controls in place which comply with the applicable safety requirements in order to reduce the risks associated with:".

(4) The first paragraph of 49 C.F.R. 385.7 shall be deleted and replaced by the following: "In cooperation with the FMCSA, special agents and authorized representatives shall conduct reviews in order to gather the information necessary for the FMCSA to determine and issue an appropriate safety rating for a motor carrier. Information gathered shall be information the FMCSA may consider in assessing a safety rating, including:".

(5) 49 C.F.R. 385.9 through 49 C.F.R. 385.19 shall be deleted.

(6) 49 C.F.R. 385.101 through 49 C.F.R. 385.119 shall be deleted.

(7) In 49 C.F.R. 385.301(c), the last sentence shall be deleted.

(8) In 49 C.F.R. 385.331, the phrase "K.S.A. 66-1,129a, and K.S.A. 66-1,142b" shall be added after each occurrence of the phrase "49 U.S.C. 521(b)(2)(A)."

(9) In 49 C.F.R. 385.333, the phrase "or the commission in cooperation with the FMCSA" shall be added after each occurrence of the phrase "The FMCSA."

(10) In 49 C.F.R. 385.335, the phrase "FMCSA" shall be deleted and replaced by "the commission."

(11) In 49 C.F.R. 385.337, the phrase "or the commission in cooperation with the FMCSA" shall be added after the phrase "The FMCSA."

(12) The following changes shall be made to 49 C.F.R. 385.402:

(A) The phrase "§171.8 of this title" shall be deleted and replaced by "49 C.F.R. 171.8 as adopted by K.A.R. 82-4-20."

(B) The phrase "§172.101 of this title" shall be deleted and replaced by "49 C.F.R. 172.101 as adopted by K.A.R. 82-4-20."

(C) The term "FMCSA" shall be deleted and replaced by "the commission."

(13) The following shall be inserted after the last sentence in 49 C.F.R. 385.405(b): "All Kansas-based interstate motor carriers and all Kansas intrastate motor carriers transporting hazardous materials are required to obtain a hazardous materials safety permit from the FMCSA and are subject to FMCSA jurisdiction for hazardous materials safety requirements as set forth in 49 C.F.R. 385.401 through 382.423, and in 49 C.F.R. Parts 171, 172, 173, 177, 178 and 180, as adopted by K.A.R. 82-4-20."

(14) 49 C.F.R. 385.407 through 49 C.F.R. 385.411 shall be deleted.

(15) 49 C.F.R. 385.415 through 49 C.F.R. 385.717, including appendix A, shall be deleted.

(b) Whenever the federal regulations adopted in this regulation refer to portions of the federal regulations or other operating standards that are not already adopted by reference in article 4 of the commission's regulations, the references shall not be applicable to this regulation unless otherwise specifically adopted. (Authorized by K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g, K.S.A. 2009 Supp. 66-1,129; implementing K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g, K.S.A. 2009 Supp. 66-1,129, and K.S.A. 2009 Supp. 66-1,142a; effective, T-82-12-29-04, Dec. 29, 2004; effective April 29, 2005; amended Oct. 2, 2009; amended Oct. 22, 2010.)

82-4-3e. (Authorized by and implementing K.S.A. 2003 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2003 Supp. 66-1,129, as amended by L. 2004, Ch. 152, § 7; effective, T-82-12-29-04, Dec. 29, 2004; effective April 29, 2005; revoked Oct. 2, 2009.)

82-4-3f. General motor carrier safety regulations. (a) With the following exceptions, 49 C.F.R. Part 390, as in effect on October 1, 2009, is hereby adopted by reference:

(1) The following revisions shall be made to 49 C.F.R. 390.3:

(A) In paragraph (a), the phrase "or intrastate" shall be added after the word "interstate."

(B) In paragraph (e)(1), the phrase "all regulations contained in this subchapter" shall be deleted and replaced by "K.A.R. 82-4-3a through K.A.R. 82-4-3o, and K.A.R. 82-4-20."

(C) In paragraph (e)(2), the phrase "all applicable regulations contained in this subchapter" shall be deleted and replaced by "K.A.R. 82-4-3a through K.A.R. 82-4-3o, and K.A.R. 82-4-20."

(D) Paragraph (g)(1) shall be deleted and replaced with the following: "(1) 49 C.F.R. Part 385, subparts A and E, as adopted by K.A.R. 82-4-3d, for carriers subject to the requirements of 49 C.F.R. 385.403, as adopted by K.A.R. 82-4-3d."

(E) Paragraph (g)(4) shall be deleted.

(2) The following revisions shall be made to 49 C.F.R. 390.5:

(A) The following definitions shall be deleted:

(i) Conviction;

(ii) driveaway-towaway operation;

(iii) exempt motor carrier;

(iv) hazardous waste;

(v) operator;

(vi) other terms;

(vii) school bus;

(viii) school bus operation;

(ix) secretary;

(x) state; and

(xi) United States.

(B) In the definition of "commercial motor vehicle," the phrase "or intrastate" shall be inserted following the term "interstate."

(C) In the definition of "exempt intracity zone," the following text shall be deleted: "of a municipality or the commercial zone of that municipality described in appendix F to subchapter B of this chapter. The term 'exempt intracity zone' does not include any municipality or commercial zone in the State of Hawaii." The deleted text shall be replaced by the following: "described in section 8 of appendix F to Title 49, Chapter III, Subchapter B, as in effect on October 1, 2007, and hereby adopted by reference."

(D) The definition of "for hire motor carrier" shall be deleted and replaced by the following: "For purposes of this regulation, 'for-hire motor carrier' shall have the same meaning as 'public

motor carrier of household goods,' 'public motor carrier of passengers,' or 'public motor carrier of property,' as defined in K.S.A. 66-1,108 and amendments thereto."

(E) The definition of "gross combination weight rating (GCWR)" shall be deleted and replaced by the following: "'Gross combination weight rating (GCWR)' shall have the same meaning as defined in K.S.A. 66-1,108 and amendments thereto."

(F) The definition of "gross vehicle weight rating (GVWR)" shall be deleted and replaced by the following: "'Gross vehicle weight rating (GVWR)' shall have the same meaning as defined in K.S.A. 66-1,108 and amendments thereto."

(G) In the definition of "Hazardous material," the phrase "United States" shall be inserted immediately before the phrase "Secretary of Transportation."

(H) The following changes shall be made in the definition of "hazardous substance":

(i) Both instances of the phrase "Section 172.101" shall be deleted and replaced by "49 C.F.R. 172.101."

(ii) The first instance of the phrase "of this title" shall be deleted and replaced by "as adopted by K.A.R. 82-4-20."

(iii) The phrase "Section 171.8 of this title" shall be deleted and replaced by "49 C.F.R. 171.8, as adopted by K.A.R. 82-4-20."

(I) The definition of "highway" shall be deleted and replaced by the following: "'Highway' shall have the same meaning as 'public highway,' as defined by K.S.A. 66-1,108 and amendments thereto."

(J) The definition of "motor carrier" shall be deleted and replaced by the following: "'Motor carrier' shall have the same meaning as defined in K.S.A. 66-1,108 and amendments thereto."

(K) The definition of "motor vehicle" shall be deleted and replaced by the following: "'Motor vehicle' shall have the same meaning as defined in K.S.A. 66-1,108 and amendments thereto."

(L) The definition of "out of service order" shall be deleted.

(M) The definition of "person" shall be deleted and replaced by the following: "'Person' shall have the same meaning as defined in K.S.A. 66-1,108 and amendments thereto."

(N) The following revisions shall be made to the definition of "principal place of business":

(i) The phrase "parts 382, 387, 390, 391, 395, 396, and 397 of this subchapter" shall be deleted and replaced by "K.A.R. 82-4-3a, K.A.R. 82-4-3c, K.A.R. 82-4-3f, K.A.R. 82-4-3g, K.A.R. 82-4-3j, K.A.R. 82-4-3k, and K.A.R. 82-4-3n."

(ii) The first instance of the term "Federal" shall be deleted.

(iii) The phrase "of the Federal Motor Carrier Safety Administration" shall be deleted.

(O) The following sentence shall be inserted before the definition of "radar detector": "'Private motor carrier of passengers' shall have the same meaning as defined in K.S.A. 66-1,108 and amendments thereto."

(P) The definition of "Special agent" shall be deleted and replaced by the following: "Special agent or authorized representative means an authorized representative of the commission, and members of the highway patrol or any other law enforcement officers in the state who have been certified in the inspection of motor carriers based on the motor carrier safety assistance program standards."

(3) 49 C.F.R. 390.7 and 49 C.F.R. 390.9 shall be deleted.

(4) In 49 C.F.R. 390.11, the phrase "part 325 of subchapter A or in this subchapter" shall be deleted and replaced by "K.A.R. 82-4-3a through K.A.R. 82-4-3o, and K.A.R. 82-4-20."

(5) In 49 C.F.R. 390.13, the phrase "violate the rules of this chapter" shall be deleted and replaced by "operate in Kansas in a manner which violates any order, decision, or regulation of the commission."

(6) The following revisions shall be made to 49 C.F.R. 390.15:

(A) In paragraph (a)(1), the phrase "of the Federal Motor Carrier Safety Administration, an authorized State or local enforcement agency representative or authorized third party representative" shall be deleted.

(B) In paragraph (b)(1), the phrase "Section 390.5 of this chapter" shall be deleted and replaced by "49 C.F.R. 390.5, as adopted by K.A.R. 82-4-3f."

(7) The following revisions shall be made to 49 C.F.R. 390.19:

(A) In paragraph (a)(1), the phrase "interstate commerce" shall be deleted and replaced by "Kansas."

(B) In paragraph (a)(2), the phrase "as adopted by K.A.R. 82-4-3d," shall be inserted following "49 C.F.R. part 385, subpart E." The phrase "of this chapter" shall be deleted.

(C) Paragraph (b) shall be deleted and replaced

by the following: "The Form MCS-150 shall contain the following information:

"(1) The USDOT number assigned to the carrier;

"(2) the legal name of the motor carrier;

"(3) the trade or 'doing business as' name of the motor carrier, if applicable;

"(4) the street address of the motor carrier, including city, state, and zip code;

"(5) the mailing address of the motor carrier, including city, state, and zip code;

"(6) the motor carrier's principal telephone number and facsimile number;

"(7) whether the motor carrier conducts intrastate only carriage of hazardous materials or intrastate carriage of non-hazardous materials;

"(8) the motor carrier's mileage, rounded to the nearest 10,000, for the last calendar year;

"(9) the type of operations the motor carrier conducts;

"(10) the classification of cargo that the motor carrier transports;

"(11) the hazardous materials transported by the motor carrier;

"(12) the type of equipment owned or leased or both for transporting property or passengers;

"(13) the number of drivers that operate within a 100-mile radius of the carrier's principal place of business;

"(14) the number of drivers that operate outside a 100-mile radius of the carrier's principal place of business;

"(15) the number of drivers with commercial drivers' licenses;

"(16) the total number of drivers; and

"(17) for Kansas-based, intrastate carriers, a signed and dated statement with the signatory's printed name and title, certifying that the signatory is familiar with the commission's safety regulations and that the information contained in the report is accurate."

(D) In paragraph (d), the term "agency's" shall be deleted and replaced by "FMCSA's." The following sentence shall be inserted after the last sentence in paragraph (d): "Kansas-based motor carriers may file the completed Form MCS-150 online at fmcsa.dot.gov or with the Kansas Corporation Commission at 1500 S.W. Arrowhead Road, Topeka, Kansas 66604."

(E) In paragraph (g), the words "the penalties prescribed in 49 U.S.C. 521(b)(2)(B)" shall be deleted and replaced by "civil penalties as provided in K.S.A. 66-1,142b."

(F) Paragraph (h) shall be deleted.

(G) Paragraph (i) shall be deleted and replaced by the following: "Kansas-based motor carriers that register vehicles with the Commission and the Kansas Trucking Connection (www.truckingks.org) are exempt from the requirements of this section, provided the carriers file all required information with the Commission and update the MCS-150 information annually."

(8) The following revisions shall be made to 49 C.F.R. 390.21:

(A) In paragraph (a), the words "subject to subchapter B of this chapter must" shall be deleted and replaced by "required to be marked pursuant to K.A.R. 82-4-8h shall."

(B) Paragraph (e)(2)(iii)(C) shall be deleted and replaced by the following: "A statement that the lessor cooperates with all relevant special agents and authorized representatives to provide the identity of customers who operate the rental commercial motor vehicles; and."

(C) The last sentence of paragraph (e)(2)(iv) shall be deleted.

(D) In paragraph (g)(1), the phrase "§390.5" shall be deleted and replaced by "49 C.F.R. 390.5."

(9) The following changes shall be made to 49 C.F.R. 390.23:

(A) In paragraphs (a), (a)(1)(B), and (a)(2)(B), the phrase "Parts 390 through 399 of this chapter" shall be deleted and replaced by "K.A.R. 82-4-3a, and K.A.R. 82-4-3f through K.A.R. 82-4-3o."

(B) In paragraph (b), both instances of the phrase "parts 390 through 399 of this chapter" shall be deleted and replaced by "K.A.R. 82-4-3a, and K.A.R. 82-4-3f through K.A.R. 82-4-3o."

(C) In paragraph (c)(1), the phrase "Secs. 395.3(a) and 395.5(a) of this chapter" shall be deleted and replaced by "49 C.F.R. 395.3(a) and 49 C.F.R. 395.5(a), as adopted by K.A.R. 82-4-3c."

(10) 49 C.F.R. 390.27 shall be deleted.

(11) The following revisions shall be made to 49 C.F.R. 390.29:

(A) In paragraph (a), the phrase "this subchapter" shall be deleted and replaced by "K.A.R. 82-4-3a through K.A.R. 82-4-3o, and K.A.R. 82-4-20."

(B) The following revisions shall be made to paragraph (b):

(i) The phrase "of the Federal Motor Carrier Safety Administration" shall be deleted.

(ii) The word "Federal" appearing in the last sentence shall be deleted.

(12) In 49 C.F.R. 390.33, the phrase "this subchapter and part 325 of subchapter A" shall be deleted and replaced by "K.A.R. 82-4-3a through K.A.R. 82-4-3o, and K.A.R. 82-4-20."

(13) The following revisions shall be made to 49 C.F.R. 390.35:

(A) In paragraph (a), the phrase "by part 325 of subchapter A or this subchapter" shall be deleted and replaced by "K.A.R. 82-4-3a through K.A.R. 82-4-3o, and K.A.R. 82-4-20."

(B) In paragraphs (b) and (c), the phrase "this subchapter or part 325 of subchapter A" shall be deleted and replaced by "K.A.R. 82-4-3a through K.A.R. 82-4-3o, and K.A.R. 82-4-20."

(14) 49 C.F.R. 390.37 shall be deleted.

(15) In 49 C.F.R. 390.40(j), the phrase "as defined in § 386.72(b)(1) of this chapter" shall be deleted and replaced with "as defined in K.A.R. 82-4-3o."

(16) The following revisions shall be made to 49 C.F.R. 390.42:

(A) In paragraph (a), the phrase "listed in §392.7(b) of this subchapter" shall be deleted and replaced by "specified in K.A.R. 82-4-3h."

(B) In paragraph (b), the phrase "in §396.11(a)(2) of this chapter" shall be deleted and replaced by "required by K.A.R. 82-4-3j."

(17) The following revisions shall be made to 49 C.F.R. 390.44:

(A) The following revisions shall be made to paragraph (a):

(i) The phrase "listed in §392.7(b) of this subchapter" shall be deleted and replaced by "specified in K.A.R. 82-4-3h."

(ii) The phrase "pursuant to §392.7(b)" shall be deleted and replaced by "K.A.R. 82-4-3h."

(B) The following revisions shall be made to paragraph (b):

(i) The phrase "listed in §392.7(b) of this subchapter" shall be deleted and replaced by "adopted and specified in K.A.R. 82-4-3h."

(ii) The phrase "with §392.7(b)" shall be deleted and replaced by "with K.A.R. 82-4-3h."

(C) The following revisions shall be made to paragraph (c):

(i) The term "FMCSA" shall be deleted and replaced by "the commission."

(ii) The phrase "under 49 U.S.C. 31151 or the implementing regulations in this subchapter regarding interchange of intermodal equipment by contacting the appropriate FMCSA Field Office" shall be deleted and replaced by "adopted in this subchapter by filing a written complaint with the commission by: fax — 785-271-3124; email: trucking_complaint_questions @kcc.ks.gov; or by mail addressed to: 1500 SW Arrowhead Rd, Topeka, KS 66604-3124. The commission may also be contacted by phone number: 785.271.3145, select option one."

(18) 49 C.F.R. 390.46 shall be deleted.

(b) Whenever the federal regulations adopted in this regulation refer to portions of the federal regulations or other operating standards that are not already adopted by reference in article 4 of the commission's regulations, the references shall not be applicable to this regulation unless otherwise specifically adopted. (Authorized by and implementing K.S.A. 2010 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2010 Supp. 66-1,129; effective, T-82-12-29-04, Dec. 29, 2004; effective April 29, 2005; amended Oct. 2, 2009; amended Oct. 8, 2010; amended Nov. 14, 2011.)

82-4-3g. Qualifications of drivers. (a) With the following exceptions, 49 C.F.R. Part 391, as in effect on October 1, 2009, is hereby adopted by reference:

(1) In 49 C.F.R. 391.2(c), the phrase "Sec. 390.5" shall be deleted and replaced by "49 C.F.R. 390.5, as adopted by K.A.R. 82-4-3f."

(2) 49 C.F.R. 391.11(b)(1) shall apply only to commercial motor vehicle operations in interstate commerce.

(3) In 49 C.F.R. 391.13, the phrase "Sec. 392.9(a) and Sec. 393.9 of this subchapter" shall be deleted and replaced by "49 C.F.R. 392.9(a), as adopted by K.A.R. 82-4-3h, and 49 C.F.R. 393.9, as adopted by K.A.R. 82-4-3i."

(4) The following revisions shall be made to 49 C.F.R. 391.15:

(A) In paragraphs (c)(1)(i) and (c)(2)(iii), the phrase "Sec. 395.2 of this subchapter" shall be deleted and replaced by "49 C.F.R. 395.2(a), as adopted by K.A.R. 82-4-3a."

(B) In paragraph (c)(2)(i)(C), the phrase "Sec. 392.5(a)(2)" shall be deleted and replaced by "49 C.F.R. 392.5(a)(2), as adopted by K.A.R. 82-4-3h."

(C) In paragraphs (c)(2)(ii) and (iii), the phrase "as adopted by K.A.R. 82-4-3h(b)" shall be added after the phrase "21 C.F.R. 1308.11 Schedule I."

(5) In 49 C.F.R. 391.21(b)(11), the phrase "as defined by Part 383 of this subchapter" shall be deleted.

(6) The following changes shall be made to 49 C.F.R. 391.23:

(A) In paragraph (a)(2), (h)(i)(1) and (h)(iii)(2), the term "U.S." shall be inserted before the phrase "Department of Transportation." The phrase "or commission" shall be inserted after the phrase "Department of Transportation."

(B) Paragraph (c)(3) shall be deleted and replaced by the following: "Prospective employers shall submit a report noting any failure of a previous employer to respond to an inquiry into a driver's safety performance history to the commission.

"(A) Reports shall be addressed to the Director, Transportation Division, Kansas Corporation Commission, 1500 SW Arrowhead Road, Topeka, KS 66604.

"(B) Reports shall be submitted to the commission within 90 days after the inquiry was submitted to the previous employer.

"(C) Reports must be signed by the prospective employer submitting the report and must include the following information:

"(i) The name, address, and telephone number of the person who files the report;

"(ii) The name and address of the previous employer who has failed to respond to the inquiry into a driver's safety performance history;

"(iii) A concise but complete statement of the facts, including the date the inquiry was sent to the previous employer, the method by which the inquiry was sent, and the dates of any follow-up communications with the previous employer."

(C) In paragraphs (c)(4), (e), and (g)(1), the term "U.S." shall be inserted before the term "DOT" and the phrase "or commission" shall be inserted after the term "DOT."

(D) In paragraph (d)(2), the phrase "Sec. 390.15(b)(1) of this chapter" shall be deleted and replaced by "49 C.F.R. 390.15(b)(1), as adopted by K.A.R. 82-4-3f."

(E) In paragraph (d)(2)(i), the phrase "Sec. 390.5 of this chapter" shall be deleted and replaced by "49 C.F.R. 390.5, as adopted by K.A.R. 82-4-3f."

(F) In paragraph (d)(2)(ii), the phrase "Sec. 390.15(b)(2)" shall be deleted and replaced by "49 C.F.R. 390.15(b)(2), as adopted by K.A.R. 82-4-3f."

(G) In paragraph (e), the phrase ", as adopted by K.A.R. 82-4-3b" shall be added at the end of the last sentence.

(H) In paragraph (e)(1), the phrase "part 382 of this subchapter" shall be deleted and replaced by "49 C.F.R. part 382, as adopted by K.A.R. 82-4-3c." The phrase ", as adopted by K.A.R. 82-4-3b" shall be inserted at the end of the last sentence.

(I) In paragraph (e)(2), the phrase "Sec. 382.605 of this subpart" shall be deleted and replaced by "49 C.F.R. 382.605, as adopted by K.A.R. 82-4-3c." The phrase "part 40, subpart 0" shall be deleted and replaced by "40.281 through 49 C.F.R. 40.313, as adopted by K.A.R. 82-4-3b."

(J) In paragraph (f), the term "Sec. 40.321(b)" shall be deleted and replaced by "49 C.F.R. 40.321(b), as adopted by K.A.R. 82-4-3b."

(K) In paragraph (j)(6), the following changes shall be made:

(i) In the first sentence, the comma following the phrase "safety performance information" shall be deleted, and the following text shall be inserted at the end of the first sentence: "if the previous employer is an interstate motor carrier, the driver may submit a complaint."

(ii) The term "Sec. 386.12" shall be deleted and replaced with "49 C.F.R. 386.12."

(iii) The following sentence shall be inserted at the end of the paragraph: "If the motor carrier is a Kansas-based interstate motor carrier, or an intrastate motor carrier, the driver may submit such report in writing to Director, Transportation Division, Kansas Corporation Commission, 1500 SW Arrowhead Road, Topeka, KS 66604."

(7) In 49 C.F.R. 391.25(b)(1), the phrase "Federal Motor Carrier Safety Regulations in this subchapter or hazardous materials regulations (49 CFR chapter 1, subchapter C)" shall be deleted and replaced by "commission motor carrier safety regulations as adopted by K.A.R. 82-4-20."

(8) The following revisions shall be made to 49 C.F.R. 391.27:

(A) In paragraph (c), the words "be prescribed by the motor carrier. The following form may be used to comply with this section" shall be deleted and replaced by "read substantially as follows."

(B) Paragraph (e) shall be deleted.

(9) In 49 C.F.R. 391.33(a)(1), the phrase "Sec. 383.5 of this subchapter" shall be deleted and replaced by "K.S.A. 8-234b."

(10) The following revisions shall be made to 49 C.F.R. 391.41:

(A) The paragraph that appears between paragraphs (a) and (b) shall be deleted.

(B) In paragraph (b)(11), the clause "when the audiometric device is calibrated to American National Standard (formerly ASA Standard) Z24.5 1951" shall be deleted.

(C) In paragraph (b)(12)(i), the phrase "as adopted by K.A.R. 82-4-3h" shall be added after the phrase "21 C.F.R. 1308.11 Schedule I."

(11) The following changes shall be made to 49 C.F.R. 391.43:

(A) In paragraph (a), the phrase "licensed medical examiner as defined in Sec. 390.5 of this subchapter" shall be deleted and replaced by "licensed medical practitioner, as defined by K.A.R. 82-4-1."

(B) In paragraph (b), the phrase "licensed optometrist" shall be deleted and replaced by "licensed medical practitioner, as defined by K.A.R. 82-4-1."

(C) The last sentence of paragraph (f) shall be deleted.

(D) In the portion titled "Extremities" in paragraph (f), the words "Field Service Center of the FMCSA, for the State in which the driver has legal residence" shall be deleted and replaced by "commission."

(E) The last sentence of paragraph (h) shall be deleted.

(F) The editorial note found after paragraph (h) shall be deleted.

(12) The following revisions shall be made to 49 C.F.R. 391.47:

(A) Paragraph (b)(8) shall be deleted.

(B) In paragraph (b)(9), the words "or intrastate" shall be inserted following the word "interstate."

(C) In paragraphs (c) and (d), the phrase "Director, Office of the Bus and Truck Standards and Operations (MC-PSD)" shall be deleted and replaced by the phrase "director of the commission's transportation division."

(D) The last two sentences of paragraph (e) shall be deleted and replaced by the following sentence: "Petitions shall be filed in accordance with K.A.R. 82-1-225 and K.S.A. 77-601 et seq."

(E) In paragraph (f), the first two occurrences of the phrase "Director, Office of the Bus and Truck Standards and Operations (MC-PSD)" shall be deleted and replaced by the phrase "director of the commission's transportation division." The clause "or until the Director, Office of Bus and Truck Standards and Operations (MC-PSD) orders otherwise" shall be deleted.

(13) The following revisions shall be made to 49 C.F.R. 391.49:

(A) The phrase "Division Administrator, FMCSA" in paragraph (a) and the phrase "State Director, FMCSA" in paragraphs (g), (h), (j)(1), and (k) shall be deleted and replaced by "director of the commission's transportation division."

(B) The remainder of paragraph (b)(2) after "The application must be addressed to" shall be deleted and replaced by ": Director of the Transportation Division, Kansas Corporation Commission, 1500 S.W. Arrowhead Road, Topeka, KS 66604."

(C) In paragraph (b)(3), the words "field service center, FMCSA, for the state in which the driver has legal residence" shall be deleted and replaced by "director of the commission's transportation division at the address provided in paragraph (b)(2)."

(D) Paragraph (c)(2)(i) shall be deleted.

(E) The phrase "Medical Program Specialist, FMCSA service center" in paragraph (e)(1), the words "Medical Program Specialist, FMCSA for the State in which the carrier's principal place of business is located" in paragraph (e)(1)(i), and the words "Medical Program Specialist, FMCSA service center, for the State in which the driver has legal residence" in paragraph (e)(1)(ii) shall be deleted and replaced by "director of the transportation division of the commission."

(F) In paragraph (i), the words between "submitted to the" and "The SPE certificate renewal application" shall be deleted and replaced by "director of the transportation division of the commission."

(G) The following revisions shall be made to paragraph (j)(2):

(i) The words "State Director, FMCSA, for the State where the driver applicant has legal residence" shall be deleted and replaced by "director of the transportation division of the commission."

(ii) The phrase "the following form" shall be deleted and replaced by "a form substantially similar to the following."

(iii) The phrase "subchapter B of the Federal Motor Carrier Safety Regulations" shall be deleted and replaced by the phrase "as adopted by K.A.R. 82-4-3g."

(iv) The term "FMCSRs" shall be deleted and replaced by "commission's regulations regarding motor carrier safety."

(14) The following revisions shall be made to 49 C.F.R. 391.51(b)(8):

(A) The phrase "Field Administrator, Division Administrator, or State Director" shall be deleted and replaced by "the director of the transportation division of the commission."

(B) The phrase "or under K.A.R. 82-4-6d" shall be added at the end of the paragraph.

(15) In 49 C.F.R. 391.55, the clause ", which are hereby adopted by reference" shall be inserted at the end of paragraph (b)(1).

(16) The following revisions shall be made to 49 C.F.R. 391.62:

(A) In paragraph (c), the phrase ", as adopted by K.A.R. 82-4-3f" shall be added after the phrase "49 C.F.R. 390.5."

(B) In paragraph (d), the phrase "under regulations issued by the Secretary under 49 U.S.C. chapter 51" shall be deleted and replaced by "under the regulations adopted by K.A.R. 82-4-20."

(C) In paragraph (e)(1), the phrase "Federal Motor Carrier Safety Regulations" shall be deleted and replaced by "commission's motor carrier regulations found in Article 4."

(17) 49 C.F.R. 391.64 shall be revised as follows:

(A) In paragraph (a)(2)(iii), the phrase "an authorized agent of the FMCSA" shall be deleted and replaced by "the director of the transportation division of the commission."

(B) In paragraphs (a)(2)(v) and (b)(3), the phrase "duly authorized federal, state or local enforcement official" shall be deleted and replaced by the phrase "any authorized representative of the commission, and any member of the Kansas highway patrol or any other law enforcement officer in the state who has been certified in the inspection of motor carriers based on the motor carrier safety assistance program standards."

(18) The form set out in 49 C.F.R. 391.65 shall be revised as follows:

(A) The phrase "as adopted by K.A.R. 82-4-3f" shall be added after the phrase "Sec. 390.5."

(B) The phrase "Federal Motor Carrier Safety Regulations" shall be deleted and replaced by the phrase "as adopted by K.A.R. 82-4-3g."

(19) 49 C.F.R. 391.67 shall be deleted.

(20) In 49 C.F.R. 391.68(a), "(b)(1)" shall be deleted.

(21) In 49 C.F.R. 391.69, the phrase "Sec. 390.5 of this subchapter" shall be deleted and replaced by "49 C.F.R. 390.5, as adopted by K.A.R. 82-4-3f." The term "(business)" shall be deleted.

(b) Whenever the federal regulations adopted in this regulation refer to portions of the federal regulations or other operating standards that are not already adopted by reference in article 4 of the commission's regulations, the references shall not be applicable to this regulation unless otherwise specifically adopted. (Authorized by K.S.A. 2010 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2010 Supp. 66-1,129; implementing K.S.A. 2010 Supp. 66-1,112, K.S.A. 66-1,112g, K.S.A. 2010 Supp. 66-1,129; effective, T-82-12-29-04, Dec. 29, 2004; effective April 29, 2005; amended Oct. 2, 2009; amended Nov. 14, 2011.)

82-4-3h. Driving of commercial motor vehicles. (a) With the following exceptions, 49 C.F.R. Part 392, as in effect on October 1, 2007, is hereby adopted by reference:

(1) In 49 C.F.R. 392.2, the words after the word "jurisdiction," including the last sentence of this section, shall be deleted and replaced by "of the state of Kansas."

(2) 49 C.F.R. 392.4 shall be revised as follows:

(A) Paragraph (a)(1) shall be deleted and replaced by the following: "(1) Any substance listed in schedule I of 21 C.F.R. 1308.11, which is hereby adopted by reference as in effect on April 1, 2007."

(B) In paragraph (c), the phrase "Sec. 382.107 of this subchapter" shall be deleted and replaced by "49 C.F.R. 382.107, as adopted by K.A.R. 82-4-3c."

(3) 49 C.F.R. 392.5 shall be revised as follows:

(A) In paragraph (a)(1), the phrase "Sec. 382.107 of this subchapter" shall be deleted and replaced by "49 C.F.R. 382.107, as adopted by K.A.R. 82-4-3c."

(B) In paragraph (a)(3), the phrase "and hereby adopted by reference as in effect on July 1, 2008" shall be added after the phrase "26 U.S.C. 5052(a)."

(C) In paragraph (a)(3), the phrase "section 5002(a)(8), of such Code" shall be deleted and replaced by "26 U.S.C. 5002(a)(8), hereby adopted by reference as in effect on July 1, 2008."

(D) In paragraph (d)(2), a period shall be placed after the phrase "affirmation of the order"; the remainder of the paragraph shall be deleted.

(E) Paragraph (e) shall be deleted and replaced by the following: "(e) Any driver who is subject to an out of service order may petition for reconsideration of that order in accordance with K.A.R. 82-1-235 and the provisions of the act for judicial review and civil enforcement of agency actions, found at K.S.A. 77-601 et seq."

(4) In 49 C.F.R. 392.8, the phrase "Sec. 393.95 of this subchapter" shall be deleted and replaced by "49 C.F.R. 393.95, as adopted by K.A.R. 82-4-3i."

(5) In 49 C.F.R. 392.9, the phrase "Secs. 393.100 through 393.136 of this subchapter" shall be deleted and replaced by "49 C.F.R. 393.100 through 393.136, as adopted by K.A.R. 82-4-3i."

(6) 49 C.F.R. 392.9a(b) shall be deleted.

(7) 49 C.F.R. 392.10 shall be revised as follows:

(A) In paragraph (a)(4), the phrase "Parts 107 through 180 of this title" shall be deleted and replaced by "49 C.F.R. 107.105, 107.502, and Parts 171, 172, 173, 177, 178, and 180, as adopted by K.A.R. 82-4-20."

(B) In paragraph (a)(5), the phrase "Sec. 173.120 of this title" shall be deleted and replaced by "49 C.F.R. 173.120, as adopted by K.A.R. 82-4-20."

(C) In paragraph (a)(6), the phrase "subpart B of part 107 of this title" shall be deleted and replaced by "49 C.F.R. 107.105, as adopted by K.A.R. 82-4-20."

(D) In paragraph (b)(1), the phrase "Sec. 390.5 of this chapter" shall be deleted and replaced by "49 C.F.R. 390.5, as adopted by K.A.R. 82-4-3f."

(8)The phrase "Sec 393.95 of this subchapter " in 49 C.F.R. 392.22(b) shall be deleted and replaced by "49 C.F.R. 393.95, as adopted by K.A.R. 82-4-3i."

(9) In 49 C.F.R. 393.33, the phrase "subpart B of part 393 of this title" shall be deleted and replaced by "49 C.F.R. 393.9 through 393.33, as adopted by K.A.R. 82-4-3i."

(10) The following revisions shall be made to 49 C.F.R. 392.51:

(A) In paragraph (b), the phrase "as adopted by K.A.R. 82-4-20" shall be inserted after the phrase "Parts 171, 172, 173, and 178."

(B) In paragraph (b), the phrase "hereby incorporated by reference as in effect on July 1, 2008" shall be inserted after the phrase "29 CFR 1910.106."

(11) 49 C.F.R. 392.62 shall be revised as follows:

(A) In paragraph (a), the phrase "Sec. 393.90 of this subchapter" shall be deleted and replaced by "49 C.F.R. 393.90, as adopted by K.A.R. 82-4-3i."

(B) In paragraph (b), the phrase "Sec. 393.91 of this subchapter" shall be deleted and replaced by "49 C.F.R. 393.91, as adopted by K.A.R. 82-4-3i."

(b) Whenever the federal regulations adopted in this regulation refer to portions of the federal regulations or other operating standards that are not already adopted by reference in article 4 of the commission's regulations, the references shall not be applicable to this regulation unless otherwise specifically adopted. (Authorized by and implementing K.S.A. 2008 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2008 Supp. 66-1,129; effective, T-82-12-29-04, Dec. 29, 2004; effective April 29, 2005; amended Oct. 2, 2009.)

82-4-3i. Parts and accessories necessary for safe operation. (a) With the following exceptions, 49 C.F.R. Part 393, as in effect on October 1, 2009, is hereby adopted by reference:

(1) The following revisions shall be made to 49 C.F.R. 393.5:

(A) The following definition shall be added after the definition of "curb weight": "DOT C-2, DOT C-3, and DOT C-4. These terms shall be defined by figure 29, found in 49 C.F.R. 571.108 as in effect on October 1, 2009, and figure 29 is hereby adopted by reference."

(B) In the definition of "low chassis vehicle," the phrase "of Sec. 571.224 in effect on the date of manufacture, or a subsequent edition" shall be deleted and replaced by "found in S5.1.1, S5.1.2, and S5.1.3 of 49 C.F.R. 571.224, as in effect on October 1, 2009, and hereby adopted by reference."

(C) The definition of "manufactured home" shall be deleted and replaced by the following: "Manufactured home means a structure as defined by K.S.A. 58-4202(a), as in effect April 21, 2005 and amendments thereto, and hereby adopted by reference. The term shall also include structures that meet the requirements of K.S.A. 58-4202(a) except the size requirements. These structures shall be considered manufactured homes when the manufacturer files with the transportation division a certification that it intends that these structures shall be considered manufactured homes. The manufacturer shall also certify that, if at any time it manufactures structures it does not intend to be manufactured homes, it shall identify those structures by a permanent serial number placed on the structure during the first stage of production and that the series of serial numbers for such structures shall be distinguishable on the structures and in its records from the series of serial numbers used for manufactured homes."

(D) The following definition shall be added after the definition of "manufactured home": "Optically combined. This term refers to two or more lights that share the same body and have one lens totally or partially in common."

(E) The definition for "reflective material" shall be deleted.

(F) In the definition of "special purpose vehicle," the phrase "of Sec. 571.224 (paragraphs S5.1.1 through S5.1.3), in effect on the date of manufacture or a subsequent edition" shall be deleted and replaced by "found in S5.1.1, S5.1.2, and S5.1.3 of 49 C.F.R. 571.224, as adopted by reference above."

(2) 49 C.F.R. 393.7 shall be deleted.

(3) The following revisions shall be made to 49 C.F.R. 393.13:

(A) In paragraph (a), the phrase "Sec. 390.5 of this subchapter" shall be deleted and replaced by "49 C.F.R. 390.5, as adopted by K.A.R. 82-4-3f." The last two sentences of paragraph (a) shall be deleted.

(B) Paragraph (b) shall be deleted and replaced by the following: "(b) Retroreflective sheeting and reflex reflectors. Unless otherwise preempted by federal law, motor carriers shall retrofit their trailers with a conspicuity system that meets the following requirements:

"(1) Conspicuity systems. Each trailer not exempted from the commission's safety regulations found in Article 4 of these regulations shall be equipped with either retroreflective sheeting that meets the requirements of paragraph (B), reflex reflectors that meet the requirements of paragraph (C), or a combination of retroreflective sheeting and reflex reflectors that meets the requirements of paragraph (D).

"(2) Retroreflective sheeting.

"(A) Construction. Retroreflective sheeting shall consist of a smooth, flat, transparent exterior film with retroreflective elements embedded or suspended beneath the film so as to form a non-exposed retroreflective optical system.

"(B) Performance requirements. Retroreflective sheeting shall meet the minimum photometric performance requirements specified in Figure 29 as found in 49 C.F.R. 571.108, and adopted by reference above.

"(C) Sheeting pattern. Retroreflective sheeting shall be applied in a pattern of alternating white and red color segments to the sides and rear of each trailer, and to the rear of each truck tractor, and in white to the upper rear corners of each trailer and truck tractor as specified in this paragraph, and, as appropriate, as shown in figures 30-1 through 30-4, or figure 31 found in 49 C.F.R. 571.108. Figures 30-1 through 30-4 and figure 31, as found in 49 C.F.R. 571.108 and as in effect on October 1, 2009, are hereby adopted by reference.

"(D) Sheeting length. Except for a segment that is trimmed to clear obstructions or lengthened to provide red sheeting near red lamps, each white or red segment shall have a length of 300 mm plus or minus 150 mm. Neither white nor red sheeting shall represent more than two-thirds of the aggregate of any continuous strip marking the width of a trailer, or any continuous or broken strip marking its length.

"(E) Sheeting width. Retroreflective sheeting shall have a width of not less than 50 mm for grade DOT-C2 sheeting, 75 mm for grade DOT-C3 sheeting, or 100 mm for grade DOT-C4 sheeting.

"(F) Sheeting retroreflection. The coefficients for retroreflection of each segment of red or white sheeting shall not be less than the minimum values specified in Figure 29 as adopted above for grades DOT-C2, DOT-C3, and DOT-C4.

"(G) Location. Retroreflective sheeting shall be applied to each trailer and truck tractor as specified in paragraphs (c) and (d) below, but need not be applied to discontinuous surfaces such as outside ribs, stake post pickets on platform trailers, and external protruding beams, or to items of equipment such as door hinge and lamp bodies on trailers and body joints, stiffening beads, drip rails and rolled surfaces on truck tractors. The edge of white sheeting shall not be located closer than 75 mm to the edge of the luminous lens area of any red or amber lamp that is required by K.A.R. 82-4-3i. The edge of red sheeting shall not be located closer than 75 mm to the edge of the luminous lens area of any amber lamp that is required by K.A.R. 82-4-3i.

"(H) Certification. In order to demonstrate that the retroreflective sheeting meets the standards of paragraphs (B)(i) and (ii), the letters DOT-C2, DOT-C3, or DOT-C4, as appropriate, shall appear at least once on the exposed surface of each white or red segment of reflective sheeting, and at least once every 300 mm on the retroreflective sheeting that is white only. The characters shall not be less than 3 mm high, and shall be permanently stamped, etched, molded, or printed in indelible ink.

"(3) Reflex Reflectors. Each trailer or truck tractor to which paragraph (b)(2)(C) applies that does not conform with either paragraph (B) or paragraph (D) shall be equipped with reflex reflectors as set forth in this paragraph.

"(A) Visibility of reflector by color.

"(i) Red reflex reflector. Each red reflex reflector shall provide, at an observation angle of 0.2 degree, not less than 33 millicandelas per lux at any light entrance angle between 30 degrees left and 30 degrees right, including an entrance angle of 0 degree, and not less than 75 millicandelas per lux at any light entrance angle between 45 degrees left and 45 degrees right.

"(ii) White reflex reflector. Each white reflex reflector shall also provide at an observation angle of 0.2 degree, not less than 1,250 millicandelas per lux at any light angle of 0.2 degree, not less than 1,250 millicandelas per lux at any light entrance angle between 30 degrees left and 30 degrees right, including an entrance angle of 0 degree, and not less than 33 millicandelas per lux at any light entrance angle between 45 degrees left and 45 degrees right. A white reflex reflector complying with this paragraph when tested in a horizontal orientation may be installed in all orientations specified for rear upper locations in paragraphs (viii) element 2, and (x), element 2 above if, when tested in a vertical orientation, it provides an observation angle of 0.2 degree not less than 1,680 millicandelas per lux at a light entrance angle of 0 degree, not less than 1,120 millicandelas per lux at any light entrance angle from 10 degrees down to 10 degrees up, and not less than 560 millicandelas per lux at any light entrance angle from 20 degrees right to 20 degrees left.

"(B) Certification. In order to demonstrate that the retroreflective sheeting meets the standards of K.A.R. 82-4-3i, the letters DOT-C shall appear on the exposed surface of each reflex reflector. The letters shall not be less than 3 mm high, and shall be permanently stamped, etched, molded, or printed in indelible ink.

"(4) Combination of sheeting and reflectors. Each trailer to which paragraph (b)(1) applies may use a combination of retroreflective materials as long as they are located as specified by paragraphs (c) and (d) below."

(4) In 49 C.F.R. 393.17(c)(1), the phrase "under Sec. 392.30" shall be deleted.

(5) The following revisions shall be made to 49 C.F.R. 393.26: in paragraph (d)(4), the phrase "Sec. 177.823 of this title" shall be deleted and replaced by "49 C.F.R. 177.823, as adopted by K.A.R. 82-4-20."

(6) In 49 C.F.R. 393.45, the phrase "and hereby adopted by reference" shall be added following "49 C.F.R. 517.106" in paragraph (a).

(7) The note following 49 C.F.R. 393.51 (b) shall be deleted.

(8) 49 C.F.R. 393.67(c)(3) shall be deleted and replaced by "Threads. At least four full threads must be in engagement in each fitting."

(9) The following revisions shall be made to 49 C.F.R. 393.71:

(A) Paragraph (h)(8) and the related footnote shall be deleted.

(B) In paragraph (h)(9), the phrase "requirements of the Federal Motor Carrier Safety Administration" shall be deleted and replaced by "appropriate requirements."

(C) In paragraph (m)(8), the phrase "requirements of the Federal Motor Carrier Safety Administration" shall be deleted and replaced by "appropriate requirements."

(10) The following revisions shall be made to 49 C.F.R. 393.75:

(A) In paragraphs (g)(1) and (g)(2), the clause "that are labeled pursuant to 24 C.F.R. 3282.362(c)(2)(i)" shall be deleted and replaced by "built."

(B) In paragraph (g)(1), the phrase "Or, in the absence of such a marking, more than 18 percent over the load rating specified in any of the publications of any of the organizations listed in FMVSS No. 119 (49 CFR 571.119, S5.1(b))" shall be deleted.

(C) In paragraph (g)(2), the phrase "or, in the absence of such a marking, the load rating specified in any of the publications of any of the organizations listed in FMVSS No. 119 (49 CFR 571.119, S5.1(b))" shall be deleted.

(11) In 49 C.F.R. 393.77(15)(i), the phrase "Sec. 177.834(1) of this title" shall be deleted and replaced by "49 C.F.R. 177.834(a) as adopted by K.A.R. 82-4-20."

(12) In 49 C.F.R. 393.90, the phrase "of the Federal Motor Carrier Safety Administration's regulations" shall be deleted.

(13) In 49 C.F.R. 393.94, paragraph (c)(4) shall be deleted and replaced by the following: "Set the sound level meter to the A-weighting network, 'fast' meter response."

(14) In 49 C.F.R. 393.95, in paragraph (f)(1) the clause "that conform to the requirements of Federal Motor Vehicle Safety Standard No. 125, Sec. 571.125 of this title" shall be deleted.

(15) 49 C.F.R. 393.104(e), the related table, and the related footnotes shall be deleted.

(b) Whenever the federal regulations adopted in this regulation refer to portions of the federal

regulations or other operating standards that are not already adopted by reference in article 4 of the commission's regulations, the references shall not be applicable to this regulation unless otherwise specifically adopted. (Authorized by and implementing K.S.A. 2010 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2010 Supp. 66-1,129; effective, T-82-12-29-04, Dec. 29, 2004; effective April 29, 2005; amended Oct. 2, 2009; amended Nov. 14, 2011.)

82-4-3j. Inspection, repair, and maintenance. (a) With the following exceptions, 49 C.F.R. Part 396, as in effect on October 1, 2007, is hereby adopted by reference:

(1) In 49 C.F.R. 396.3(a)(1), the phrase "part 393 of this subchapter" shall be deleted and replaced by "49 C.F.R. Part 393, as adopted by K.A.R. 82-4-3i."

(2) The following revisions shall be made to 49 C.F.R. 396.9:

(A) In paragraph (a), the phrase "Every special agent of the FMCSA (as defined in appendix B to this subchapter)" shall be deleted and replaced by "Any authorized representative of the commission, and any member of the Kansas highway patrol or any other law enforcement officer in the state who has been certified in the inspection of motor carriers based on the motor carrier safety assistance program standards."

(B) In paragraph (b), the sentence after "Prescribed inspection report" shall be deleted and replaced by the following sentence: "Motor vehicle inspections conducted by authorized personnel as described in paragraph (a) shall be made on forms approved by the commission."

(C) In paragraph (c)(1), the term " 'Out of Service Vehicle' sticker" shall mean "a form approved by the commission, as described in K.A.R. 82-4-3l(a)(6)(C)."

(D) In paragraph (c)(2), the term "Vehicle Examination Report" shall mean the form described in K.A.R. 82-4-3l(a)(6)(B).

(E) In paragraph (d)(3)(ii), the phrase "issuing agency" shall be deleted and replaced by "transportation division of the commission."

(3) The following revisions shall be made to 49 C.F.R. 396.17:

(A) In paragraph (a), the phrase "of this subchapter" shall be deleted and replaced by "as in effect on October 1, 2007, which is hereby adopted by reference."

(B) The "Note" appearing between paragraphs (a) and (b) shall be deleted.

(C) In paragraph (h), the words "penalty provisions provided by 49 U.S.C. 521(b)" shall be deleted and replaced by "civil penalties provided by K.S.A. 66-1,142b, K.S.A. 66-1,142c, and other applicable penalties."

(4) The following revisions shall be made to 49 C.F.R. 396.19(a)(1):

(A) The phrase "as adopted by K.A.R. 82-4-3i" shall be added after "49 C.F.R. Part 393."

(B) The phrase "as adopted by K.A.R. 82-4-3i" shall be added after the phrase "and appendix G." The phrase "of this subchapter" shall be deleted.

(5) In 49 C.F.R. 396.21(b)(2) and (3), the word "Federal" shall be deleted.

(6) The following revisions shall be made to 49 C.F.R. 396.23:

(A) In paragraph (b)(1), the phrase "by the Administrator" shall be deleted.

(B) In paragraph (b)(2), the term "FMCSA" shall be deleted and replaced by "transportation division of the Kansas corporation commission."

(b) Whenever the federal regulations adopted in this regulation refer to portions of the federal regulations or other operating standards that are not already adopted by reference in article 4 of the commission's regulations, the references shall not be applicable to this regulation unless otherwise specifically adopted. (Authorized by and implementing K.S.A. 2008 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2008 Supp. 66- 1,129; effective, T-82-12-29-04, Dec. 29, 2004; effective April 29, 2005; amended Oct. 2, 2009.)

82-4-3k. Transportation of hazardous materials; driving and parking rules. (a) With the following exceptions, 49 C.F.R. Part 397, as in effect on October 1, 2007, is hereby adopted by reference:

(1) In 49 C.F.R. 397.1(a), the phrase "of this title" shall be deleted and replaced by "as adopted by K.A.R. 82-4-20."

(2) In 49 C.F.R. 397.2, the phrase "the rules in parts 390 through 397, inclusive, of this subchapter" shall be deleted and replaced by "K.A.R. 82-4-3f through K.A.R. 82-4-3k." The phrase "of this title" shall be deleted and replaced by "as adopted by K.A.R. 82-4-20."

(3) In 49 C.F.R. 397.3, the term "Department of Transportation" shall be deleted and replaced by "commission."

(4) In 49 C.F.R. 397.5 (a), the phrase "as de-

fined by 49 C.F.R. 172.101 and adopted by K.A.R. 82-4-20" shall be added after "(explosive) material."

(5) In 49 C.F.R. 397.7(a), the phrase "as defined by 49 C.F.R. 172.101 and adopted by K.A.R. 82-4-20" shall be added after the words "Division 1.1, 1.2, or 1.3 materials."

(6) The following revisions shall be made to 49 C.F.R. 397.13:

(A) In paragraph (a), the phrase "as defined by 49 C.F.R. 172.101 and adopted by K.A.R. 82-4-20" shall be added after the words "Division 2.1, Class 3, Divisions 4.1 and 4.2."

(B) In paragraph (b), the phrase "of this title" shall be deleted and replaced by "as adopted by K.A.R. 82-4-20."

(7) The following revisions shall be made to 49 C.F.R. 397.19:

(A) In paragraph (a), the phrase "as defined by 49 C.F.R. 172.101 and adopted by K.A.R. 82-4-20" shall be added after the words "(explosive) materials."

(B) In paragraph (c)(2), the phrase "of this title" shall be deleted and replaced by "as adopted by K.A.R. 82-4-20."

(8) The following revisions shall be made to 49 C.F.R. 397.65:

(A) The definitions of "Administrator," "FMCSA," "Motor carrier," and "Motor vehicle" shall be deleted.

(B) In the definition of "Indian tribe," the phrase "as in effect on January 7, 2003, which is hereby adopted by reference" shall be added after "25 U.S.C. 450b."

(C) In the definition of "NRHM," the phrase "as adopted by K.A.R. 82-4-20" shall be added after "49 CFR 172.504."

(D) In the definition of "Radioactive material," the phrase "as adopted by K.A.R. 82-4-20" shall be added after "49 CFR 173.403."

(9) The following changes shall be made to 49 C.F.R. 397.67:

(A) In paragraph (b), the phrase "as adopted by K.A.R. 82-4-20" shall be added after "49 CFR 177.823."

(B) In paragraph (d), the phrase "as adopted by K.A.R. 82-4-20" shall be added after "49 CFR 173.50 and 173.53 respectively."

(10) In 49 C.F.R. 397.69, paragraph (b) shall be deleted.

(11) The following revisions shall be made to 49 C.F.R. 397.71:

(A) In paragraph (b), the word "Federal" shall be deleted.

(B) Paragraph (b)(1)(ii) and the related footnote shall be deleted.

(C) Paragraph (b)(5) shall be deleted.

(12) The following revisions shall be made to 49 C.F.R. 397.73:

(A) Paragraph (a) and its related footnote shall be deleted and replaced by the following: "Information on NRHM routing designations shall be made available to the public by the States and Indian tribes in the form of maps, lists, road signs, or a combination thereof. If road signs are used, those signs and their placements must comply with all applicable laws."

(B) Paragraph (b) shall be deleted and replaced by the following: "Each state or Indian tribe, through its routing agency, shall provide information identifying all NRHM routing designations which exist within their jurisdiction to the director of the transportation division, Kansas corporation commission, 1500 S.W. Arrowhead Road, Topeka, KS 66604. Information on any changes or new NRHM routing designations shall be furnished within 60 days after establishment to the director."

(13) The following revisions shall be made to 49 C.F.R. 397.75:

(A) Unless otherwise noted in this subsection, the word "Administrator" shall be deleted and replaced by "commission."

(B) Paragraph (b)(1) shall be deleted and replaced by the following: "Be submitted to the director of the transportation division, Kansas corporation commission, 1500 S.W. Arrowhead Road, Topeka, KS 66604."

(C) In paragraph (b)(7), the word "Federal" shall be deleted.

(D) In paragraph (c)(2), the word "Federal" shall be deleted and replaced by "Kansas."

(E) In paragraph (g), the last sentence shall be deleted.

(14) 49 C.F.R. 397.77 shall be deleted.

(15) The following revisions shall be made to 49 C.F.R. 397.101:

(A) In paragraph (a), the phrase "as adopted by K.A.R. 82-4-20" shall be added after "49 CFR 172.403" and after "49 CFR part 172."

(B) In paragraph (b), the phrase "as adopted by K.A.R. 82-4-20" shall be added after "49 CFR 173.403(1)."

(C) In paragraph (b)(2), the phrase "as adopted

by K.A.R. 82-4-20" shall be added after "49 CFR 173.403(l) and (y)."

(D) Paragraph (g) shall be deleted and replaced by the following: "Unless otherwise preempted, each motor carrier who accepts for transportation on a highway route a controlled quantity of Class 7 (radioactive) material, as defined by 49 C.F.R. 173.401(l), as adopted by K.A.R. 82-4-20, shall provide the following information to the director within 90 days following acceptance of the package:".

(E) In paragraph (g)(3), the phrase "as adopted by K.A.R. 82-4-20" shall be added after "49 CFR 172.202 and 172.203."

(16) The following revisions shall be made to 49 C.F.R. 397.103:

(A) In paragraph (a), the words " 'Guidelines for Selecting Preferred Highway Routes for Highway Route Controlled Quantity Shipments of Radioactive Materials,' or an equivalent" shall be deleted and replaced by "a."

(B) Paragraph (c)(1) shall be deleted and replaced by the following: "The state gives written notice to the director."

(C) In paragraph (c)(2), the term "FMCSA" shall be deleted and replaced by "director."

(D) Paragraph (d) shall be deleted and replaced by the following: "A list of state-designated preferred routes shall be available from the director upon request."

(17) Subpart E of 49 C.F.R. Part 397 shall be deleted.

(b) Whenever the federal regulations adopted in this regulation refer to portions of the federal regulations or other operating standards that are not already adopted by reference in article 4 of the commission's regulations, the references shall not be applicable to this regulation unless otherwise specifically adopted. (Authorized by and implementing K.S.A. 2008 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2008 Supp. 66-1,129; effective T-82-12-29-04, Dec. 29, 2004; effective April 29, 2005; amended Oct. 2, 2009.)

82-4-3*l*. Transportation of migrant workers. (a) With the following exceptions, 49 C.F.R. Part 398, as in effect on October 1, 2007, is hereby adopted by reference:

(1) The following revisions shall be made to 49 C.F.R. 398.1:

(A) The following revisions shall be made to 49 C.F.R. 398.1(a):

(i) A period shall be placed after the word "agriculture."

(ii) The remainder of the paragraph shall be deleted and replaced by the following: "For the purposes of 49 C.F.R. Part 398 only, the definition of 'agriculture' found in 29 U.S.C. 203(f), as in effect on January 3, 2007, is hereby adopted by reference. For the purposes of 49 C.F.R. Part 398 only, the definition of 'employment in agriculture' shall be the same as the definition of 'agricultural labor' found in 26 U.S.C. 3121(g), as in effect on January 7, 2003, which is hereby adopted by reference."

(B) In paragraph (b), the words "person, including any 'contract carrier by motor vehicle', but not including any 'common carrier by motor vehicle', who or which transports in interstate or foreign commerce" shall be deleted and replaced by "motor carrier transporting."

(C) In paragraph (d), the definition of "motor vehicle" shall be deleted.

(2) The following revisions shall be made to 49 C.F.R. 398.2:

(A) In paragraph (a), the phrase "in interstate commerce, as defined in 49 C.F.R. 390.5" shall be deleted and replaced by "within the state of Kansas."

(B) In paragraph (b)(2), the phrase "in interstate commerce, must comply with the applicable requirements of 49 CFR parts 385, 390, 391, 392, 393, 395, and 396" shall be deleted and replaced by "must comply with the applicable requirements of 49 C.F.R. Part 385, as adopted by K.A.R. 82-4-3d, 49 C.F.R. Part 390, as adopted by K.A.R. 82-4-3f, 49 C.F.R. Part 391, as adopted by K.A.R. 82-4-3g, 49 C.F.R. Part 392, as adopted by K.A.R. 82-4-3h, 49 C.F.R. Part 393, as adopted by K.A.R. 82-4-3i, 49 C.F.R. Part 395, as adopted by K.A.R. 82-4-3a, and 49 C.F.R. Part 396, as adopted by K.A.R. 82-4-3j."

(3) In 49 C.F.R. 398.3(b)(9), the phrase "of the Federal Motor Carrier Safety Regulations of the Federal Motor Carrier Safety Administration" shall be deleted.

(4) The following revisions shall be made to 49 C.F.R. 398.4:

(A) In paragraph (b), the words "jurisdiction in which it is being operated, unless such laws, ordinances and regulations are at variance with specific regulations of this Administration which impose a greater affirmative obligation or restraint" shall be deleted and replaced by "state of Kansas."

(B) In paragraph (k), the phrase "part 393 of

this subchapter" shall be deleted and replaced by "49 C.F.R. Part 393, as adopted by K.A.R. 82-4-3i."

(5) The following revisions shall be made to 49 C.F.R. 398.5:

(A) In paragraph (b), the phrase "part 393 of this subchapter" shall be deleted and replaced by "49 C.F.R. Part 393, as adopted by K.A.R. 82-4-3i."

(B) In paragraph (c), the phrase "part 393 of this subchapter, except Sec. 393.44 of this subchapter" shall be deleted and replaced by "49 C.F.R. Part 393, as adopted by K.A.R. 82-4-3i."

(6) The following revisions shall be made to 49 C.F.R. 398.8:

(A) In paragraph (a), the phrase "Special Agents of the Federal Motor Carrier Safety Administration, as detailed in appendix B of chapter III of this title" shall be deleted and replaced by "any authorized representative of the commission, and any member of the Kansas highway patrol or any other law enforcement officer in the state who has been certified in the inspection of motor carriers based on the motor carrier safety assistance program standards."

(B) Paragraph (b) shall be deleted and replaced by the following: "(b) Prescribed inspection report. A compliance report form approved by the commission shall be used to record findings from motor vehicles selected for final inspection by any authorized representative of the commission, and any member of the Kansas highway patrol or any other law enforcement officer in the state who has been certified in the inspection of motor carriers based on the motor carrier safety assistance program standards. A compliance report form approved by the commission shall contain the following information:

"(1) The name, MCID number, and address of the motor carrier;

"(2) information regarding the inspection location;

"(3) the date of the inspection;

"(4) the name, birth date, license number, and employment status of the driver;

"(5) whether hazardous materials were being transported, and if so, what type;

"(6) shipping information regarding the commodity transported;

"(7) identification of the vehicle used;

"(8) brake adjustment information;

"(9) identification of the alleged violations;

"(10) information regarding the authority under which the vehicle could be put out of service for alleged violations discovered during the inspection;

"(11) information regarding the individual who prepares the inspection report; and

"(12) a statement to be signed by the motor carrier that the violations have been corrected."

(C) In paragraph (c)(1), the last sentence shall be deleted and replaced by the following: "A form approved by the commission shall be used to mark vehicles as 'out of service.' An out of service form approved by the commission shall contain the following information:

"(i) A statement that the motor vehicle has been declared out of service;

"(ii) a statement that the out of service marking may be removed only under the conditions outlined in the out of service order or the accompanying vehicle inspection report;

"(iii) a statement that operation of the vehicle prior to making the required repairs will subject the motor carrier to civil penalties;

"(iv) the number and dates of the inspection; and

"(v) a place for the signature of the authorized individual making the inspection."

(D) The following revisions shall be made to paragraph (c)(2):

(i) The phrase "on Form MCS 63" shall be deleted and replaced by "on a form approved by the commission for driver-equipment compliance reporting."

(ii) The phrase "Sec. 393.52" shall be deleted and replaced by "49 C.F.R. 393.52, as adopted by K.A.R. 82-4-3i."

(E) In paragraph (c)(3), the phrase "on Form MCS 63" shall be deleted and replaced by "on a form approved by the commission for driver-equipment compliance reporting."

(F) Paragraph (c)(4) shall be deleted and replaced by the following: "The person or persons completing the repairs required by the out of service notice shall complete a form to certify repairs approved by the commission, which shall include the person's name and the name of the person's shop or garage as well as the date and time the repairs were completed. If the driver completes the required repairs, then the driver shall complete the same form."

(G) In paragraph (d)(1), the phrase "MCS Form 63" shall be deleted and replaced by "on a form approved by the commission for driver-equipment compliance reporting."

(H) In paragraph (d)(1), the phrase "Federal Motor Carrier Safety Regulations" shall be deleted and replaced by the phrase "commission's regulations."

(I) In paragraph (d)(2), the phrase " 'Motor Carrier Certification of Action Taken' on Form MCS 63" and the phrase "Form MCS 63" shall be deleted and replaced by "form approved by the commission for driver-equipment reporting."

(b) Whenever the federal regulations adopted in this regulation refer to portions of the federal regulations or other operating standards that are not already adopted by reference in article 4 of the commission's regulations, the references shall not be applicable to this regulation unless otherwise specifically adopted. (Authorized by and implementing K.S.A. 2008 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2008 Supp. 66-1,129; effective, T-82-12-29-04, Dec. 29, 2004; effective April 29, 2005; amended Oct. 2, 2009.)

82-4-3m. Employee safety and health standards. (a) With the following exceptions, 49 C.F.R. Part 399, as in effect on October 1, 2007, is hereby adopted by reference:

(1) 49 C.F.R. 399.201 shall be deleted.

(2) In 49 C.F.R. 399.205, the definition of "person" shall be deleted.

(3) In 49 C.F.R. 399.209, paragraph (b) shall be deleted.

(4) Appendices A through F shall be deleted.

(5) In appendix G, all text following standards 1 through 13, which begins with the heading "Comparison of Appendix G, and the new North American Uniform Driver-Vehicle Inspection Procedure (North American Commercial Vehicle Critical Safety Inspection Items and Out-Of-Service Criteria)," shall be deleted.

(b) Whenever the federal regulations adopted in this regulation refer to portions of the federal regulations or other operating standards that are not already adopted by reference in article 4 of the commission's regulations, the references shall not be applicable to this regulation unless otherwise specifically adopted. (Authorized by and implementing K.S.A. 2008 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2008 Supp. 66-1,129; effective, T-82-12-29-04, Dec. 29, 2004; effective April 29, 2005; amended Oct. 2, 2009.)

82-4-3n. Minimum levels of financial responsibility for motor carriers. (a) With the following exceptions, 49 C.F.R. Part 387, as in effect on October 1, 2009, is hereby adopted by reference:

(1) In 49 C.F.R. 387.3, paragraph (a), the phrase "for-hire" shall be deleted and replaced by "public."

(2) The following revisions shall be made to 49 C.F.R. 387.5:

(A) The term "for-hire" in the definition of "for-hire carriage" shall be deleted and replaced by "public."

(B) The definition of "motor carrier" shall be deleted.

(3) The following revisions shall be made to 49 C.F.R. 387.7:

(A) Paragraph 49 C.F.R. 387.7(b)(3) shall be deleted.

(B) The following revisions shall be made to paragraph (d)(3):

(i) The phrase "§387.309" shall be deleted and replaced by "49 C.F.R. 387.309."

(ii) The phrase "part 385" shall be deleted and replaced by "49 C.F.R. 385."

(C) In paragraph (g), the term "United States" shall be deleted and replaced by "state of Kansas."

(4) In 49 C.F.R. 387.9, the term "for-hire" shall be deleted and replaced by "public" in the "schedule of limits—public liability."

(5) The following revisions shall be made to 49 C.F.R. 387.11:

(A) In paragraph (b), the words "any State in which the motor carrier operates" shall be deleted and replaced by "the state of Kansas."

(B) In paragraph (c), the words "any State in which the motor carrier operates" shall be deleted and replaced by "the state of Kansas."

(6) In 49 C.F.R. 387.15, the definition of "motor vehicle" shall be deleted in illustration I.

(7) 49 C.F.R. 387.17 shall be deleted.

(8) In 49 C.F.R. 387.25, the term "for-hire" shall be deleted and replaced by "public."

(9) The following revisions shall be made to 49 C.F.R. 387.29:

(A) In the definition of "for-hire carriage," the term "for-hire" shall be deleted and replaced by "public."

(B) The definition of "motor carrier" shall be deleted.

(C) In the definition of "seating capacity," the phrase "(measured in accordance with SEA Standards J1100(a))" shall be deleted.

(10) The following revisions shall be made to 49 C.F.R. 387.31:

(A) In paragraph (f), the phrase "within the United States" shall be deleted and replaced by "in the state of Kansas."

(B) In paragraph (g), the phrase "the United States" shall be deleted and replaced by "the state of Kansas."

(11) In 49 C.F.R. 387.33, the term "for hire" shall be deleted and replaced by "public" in the schedule of limits.

(12) The following revisions shall be made to 49 C.F.R. 387.35:

(A) In paragraph (b), the words "in any State in which the motor carrier operates" shall be deleted and replaced by "in the state of Kansas."

(B) In paragraph (c), the words "in any State in which the motor carrier operates" shall be deleted and replaced by "in the state of Kansas."

(13) 49 C.F.R. 387.41 shall be deleted.

(14) The following revisions shall be made to 49 C.F.R. 387.301:

(A) The following revisions shall be made to paragraph (a)(1):

(i) The phrase "§387.303" shall be deleted and replaced by "49 C.F.R. 387.303."

(ii) The phrase "§387.303" shall be deleted and replaced by "49 C.F.R. 387.303."

(iii) In each instance, the phrase "§387.303(b)(2)" shall be deleted and replaced by "49 C.F.R. 387.303(b)(2)."

(B) In paragraph (a)(2), the phrase "§387.303(b)(2)" shall be deleted and replaced by "49 C.F.R. 387.303(b)(2)."

(C) In paragraph (b), the phrase "§387.303(b)(2)" shall be deleted and replaced by "49 C.F.R. 387.303(b)(2)."

(15) The following revisions shall be made to 49 C.F.R. 387.303:

(A) In paragraph (b)(1), the phrase "§387.301(a)(1)" shall be deleted and replaced by "49 C.F.R. 387.301(a)(1)."

(B) In paragraph (b)(2), the phrase "§387.301(a)(1)" shall be deleted and replaced by "49 C.F.R. 387.301(a)(1)."

(C) Paragraph (b)(4) shall be deleted.

(16) 49 C.F.R. 387.307 through 49 C.F.R. 387.323 shall be deleted.

(17) The following revisions shall be made to 49 C.F.R. 387.403:

(A) In paragraph (a), the phrase "§387.405" shall be deleted and replaced by "49 C.F.R. 387.405."

(B) In paragraph (b), the phrase "§387.405" shall be deleted and replaced by "49 C.F.R. 387.405."

(18) In 49 C.F.R. 387.407(a), the phrase "§387.405" shall be deleted and replaced by "49 C.F.R. 387.405."

(19) 49 C.F.R. 387.409 through 49 C.F.R. 387.419 shall be deleted.

(b) Whenever the federal regulations adopted in this regulation refer to portions of the federal regulations or other operating standards that are not already adopted by reference in article 4 of the commission's regulations, the references shall not be applicable to this regulation unless otherwise specifically adopted. (Authorized by and implementing K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2009 Supp. 66-1,128, and K.S.A. 2009 Supp. 66-1,129; effective Oct. 22, 2010.)

82-4-3o. Imminent hazard. (a) With the following exceptions, 49 C.F.R. Part 386, Subpart F, as in effect on October 1, 2009, is hereby adopted by reference:

(1) 49 C.F.R. 386.71 shall be deleted.

(2) The following revisions shall be made to 49 C.F.R 386.72:

(A) In paragraph (a), the first sentence shall be deleted and replaced by the following sentence: "Whenever it is determined that an imminent hazard exists as a result of the transportation by motor vehicle of a particular hazardous material, the director of the commission's transportation division may request an emergency suspension order from the commission for the purposes of suspending or restricting the transportation by motor vehicle of the hazardous material or for such other order as is necessary to eliminate or mitigate the imminent hazard."

(B) In paragraph (b)(1), the phrase "the Director of the Office of Enforcement and Compliance or a Division Administrator, or his or her delegate" shall be deleted and replaced by "the commission."

(C) In paragraph (b)(1)(i), the phrase "as provided by 49 U.S.C. 521(b)(5)" shall be deleted and replaced by "in the state of Kansas."

(D) In paragraph (b)(1)(ii), the phrase "49 U.S.C. 521(b)(5) and" shall be deleted.

(E) In paragraph (b)(4), the words "in accordance with 5 U.S.C. 544, except that such review shall occur" shall be deleted.

(F) In paragraph (b)(4), the words "as provided by section 213(b) of the Motor Carrier

Safety Act of 1984 (49 U.S.C. 521 (b)(5))" shall be deleted.

(3) 49 C.F.R. 386.72(b)(6) shall be deleted.

(b) Whenever the federal regulations adopted in this regulation refer to portions of the federal regulations or other operating standards that are not already adopted by reference in article 4 of the commission's regulations, the references shall not be applicable to this regulation unless otherwise specifically adopted. (Authorized by and implementing K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2009 Supp. 66-1,129; effective Oct. 22, 2010.)

82-4-6a. Minimum requirements of drivers. Each motor carrier and driver shall comply with the following:

(a) The motor carrier regulations established by the federal department of transportation and the federal motor carrier safety administration (FMCSA), as adopted by the commission in this article;

(b) the state traffic laws and regulations of the Kansas department of revenue pertaining to driver's licenses as established in the Kansas driver's license act, K.S.A. 8-222 et seq. and amendments thereto;

(c) the uniform act regulating traffic and the size, weight, and load of vehicles as established in K.S.A. 8-1901 et seq. and amendments thereto; and

(d) the regulations issued by the commission pertaining to the driving of commercial motor vehicles as adopted in K.A.R. 82-4-3h. (Authorized by and implementing K.S.A. 2009 Supp. 66-1,108a, 66-1,108b, and 66-1,129; effective May 1, 1981; amended Sept. 16, 1991; amended Oct. 22, 2010.)

82-4-6d. Waiver of physical requirements. (a) Any person failing to meet the requirements of K.A.R. 82-4-3g may be permitted to drive a vehicle, other than a vehicle transporting passengers, if the director finds that the granting of a waiver is consistent with highway safety and the public interest.

(b) The application for a waiver shall meet these requirements:

(1) The application shall be submitted jointly by the person seeking the waiver and by the motor carrier wishing to employ the person as a driver.

(2) The application shall be accompanied by the following:

(A) A copy of the driver applicant's motor vehicle driving record. Any changes to this record occurring after submission of the application shall be immediately forwarded to the commission;

(B) reports of medical examinations, administered by a licensed medical practitioner, that are satisfactory to the director; and

(C) letters of recommendation from at least two licensed medical practitioners, written on their personalized or institutional letterhead and meeting the following requirements:

(i) The reports and letters of recommendation shall indicate the opinions of the licensed medical practitioners regarding the ability of the driver to safely operate a commercial motor vehicle of the type to be driven;

(ii) letters of recommendation regarding vision impairments shall be provided by a licensed ophthalmologist or optometrist who treated the driver applicant;

(iii) letters of recommendation regarding limb impairment or amputation shall include a medical summary conducted by a board of qualified, or board-certified, physiatrists or orthopedic surgeons, preferably associated with a rehabilitation center; and

(iv) letters of recommendation shall include a description of any prosthetic or orthopedic devices worn by the driver applicant.

(3) The application shall contain a description that is satisfactory to the director of the type, size, and special equipment of the vehicle or vehicles to be driven, the general area and type of roads to be traversed, the distances and time period contemplated, the nature of the commodities to be transported and the method of loading and securing them, and the experience of the applicant in driving vehicles of the type to be driven.

(A) If the applicant motor carrier is a corporation, the application shall be signed by a corporation officer and the driver applicant.

(B) If the applicant motor carrier is a limited liability company, the application shall be signed by a company officer and the driver applicant.

(C) If the applicant motor carrier is a limited liability partnership, the application shall be signed by at least one of the members of the partnership and the driver applicant.

(D) If the applicant motor carrier is a partnership, the application shall be signed by at least one of the members of the partnership and the driver applicant.

(E) If the applicant motor carrier is a sole pro-

prietorship, the application shall be signed by the proprietor and the driver applicant.

(4) The application shall specify that both the person and the carrier will file periodic reports as required with the director. These reports shall contain complete and truthful information regarding the extent of the person's driving activity, any accidents in which the person was involved, and all suspensions or convictions in which the person is or has been involved.

(5) By completing the application, both the driver applicant and the motor carrier applicant shall be deemed to agree that upon grant of the waiver, they will fulfill all conditions of the waiver.

(c) Each driver applicant shall complete a skill performance evaluation administered by a commission driver waiver program manager or a commission special investigator. The driver and motor carrier applicants shall secure the vehicle and provide the necessary insurance for the skill performance evaluation. The skill performance evaluation may be waived if the driver applicant has otherwise met the regulatory requirements of 49 C.F.R. 391.49 as adopted in K.A.R. 82-4-3g.

(d) If the application is approved, a driver medical waiver card signed by the director and accompanied by a letter acknowledging approval shall be issued by the commission. While on duty, the driver medical waiver card shall be in the driver's possession. The motor carrier shall retain the accompanying letter in its files at its principal place of business during the period the driver is in the motor carrier's employment. The motor carrier shall retain this letter for 12 months after the termination of the driver's employment.

(e) If the application is denied, an order setting forth an explanation for the denial and specifying the procedure for appeal of the decision shall be issued by the commission.

(f) The waiver shall not exceed two years and may be renewable upon submission and approval of a new application.

(g) All intrastate vision waiver recipients shall be subject to the following conditions:

(1) Each driver shall be physically examined every year by the following individuals:

(A) A licensed ophthalmologist or optometrist who attests that the vision in the better eye continues to meet the standard specified in 49 C.F.R. 391.41(b)(10) as adopted in K.A.R. 82-4-3g; and

(B) a licensed medical practitioner who attests that the individual is otherwise physically qualified under the standards specified in 49 C.F.R. 391.41 as adopted in K.A.R. 82-4-3g.

(2) Each driver shall provide a copy of the ophthalmologist's or optometrist's report to the medical practitioner at the time of the annual medical examination.

(3) Each driver shall provide the motor carrier with a copy of the annual medical reports for retention in the motor carrier's driver qualification files.

(4) Each driver shall provide a copy of the annual medical reports to the commission.

(h) The waiver may be revoked by the director after the applicant has been given notice of the proposed revocation and has been given a reasonable opportunity to show cause, if any, why the revocation should not be made.

(i) Each motor carrier and driver shall notify the director within 72 hours upon any conviction of a moving violation or any revocation or suspension of driving privileges.

(j) Written notice shall be given to the director when any of the following occurs:

(1) A driver ceases employment with the "original employer" with whom the waiver was first granted.

(2) A change occurs in employment duties or functions.

(3) A change occurs in the driver's medical condition.

(k) Written notice shall be given by both the motor carrier and the driver within 10 days of any change in employment, duties, or functions, except in cases of termination of employment. Notice of termination of employment shall be given by both the motor carrier and the driver within 72 hours of termination.

(l) A waiver shall become void upon termination of employment from the motor carrier joint-applicant.

(m) Each application for renewal of waiver shall be submitted at least 60 days before the expiration date of the existing waiver. (Authorized by and implementing K.S.A. 2010 Supp. 66-1,129; effective May 1, 1981; amended Sept. 16, 1991; amended May 10, 1993; amended Oct. 3, 1994; amended Jan. 30, 1995; amended Jan. 4, 1999; amended July 14, 2000; amended Nov. 14, 2011.)

82-4-8a. Accessories and equipment. Each motor vehicle that meets the definition of commercial motor vehicle shall be equipped with a fire extinguisher.

(a)(1) Each motor vehicle shall be equipped with a fire extinguisher that is properly filled and is readily accessible.

(2) The fire extinguisher shall be securely mounted on the vehicle.

(3) The fire extinguisher shall be designed, constructed, and maintained to permit visual determination of whether it is fully charged.

(4) The extinguisher shall have an extinguishing agent that does not need protection from freezing. Each extinguishing agent shall meet the requirements of the toxicity provisions of the environmental protection agency's significant new alternatives policy (SNAP) regulations under 40 C.F.R. Part 82, subpart G, as adopted by K.A.R. 82-4-3i.

(5) The fire extinguisher shall be labeled or marked with its underwriters laboratories rating.

(6) The fire extinguisher shall be kept in good operating condition, shall be located in an accessible place on each motor vehicle or tank vehicle, and shall be housed in a weathertight enclosure.

(b)(1) Each motor vehicle that is not used to transport hazardous materials shall be equipped with either a fire extinguisher having a rating of at least five B:C or two fire extinguishers, each of which has a rating of at least four B:C.

(2) Each motor vehicle that is used to transport hazardous materials shall be equipped with a fire extinguisher having a rating of at least 10 B:C.

(3) Each cargo tank vehicle requiring flammable liquid placards shall be provided with at least one approved handheld fire extinguisher, whether a dry chemical or carbon dioxide type, having a rating of at least 20 B:C. Two approved handheld fire extinguishers, either a dry chemical or carbon dioxide type, having a rating of at least 10 B:C for each extinguisher, may be used in lieu of one 20 B:C rated extinguisher.

(c) The requirements of this regulation shall not apply to a driveaway or towaway operation. (Authorized by and implementing K.S.A. 2010 Supp. 66-1,129; effective May 1, 1981; amended May 1, 1984; amended April 30, 1990; amended May 10, 1993; amended July 14, 2000; amended Nov. 14, 2011.)

82-4-8h. Marking of commercial motor vehicles. On and after January 1, 2001, each Kansas-based motor carrier shall obtain a USDOT number that meets the requirements for the motor carrier identification report and markings of commercial motor vehicles established under 49 C.F.R. 390.21, as adopted by K.A.R. 82-4-3f. (Authorized by and implementing K.S.A. 2009 Supp. 66-1,112 and 66-1,129; effective July 14, 2000; amended Oct. 22, 2010.)

82-4-20. Transportation of hazardous materials by motor vehicles. (a) The federal regulations adopted by reference in this regulation shall govern the transportation of hazardous materials in Kansas in commerce to the extent that the regulations pertain to the transportation of hazardous materials by commercial motor vehicle.

(b) The following federal regulations, as in effect on October 1, 2009, are hereby adopted by reference:

(1) 49 C.F.R. 107.105, 107.107, 107.502, and 107.503;

(2) 49 C.F.R. Part 171, except 171.1(a), 171.1(b), and 171.6;

(3) 49 C.F.R. Part 172, except 172.1, 172.701, and 172.822;

(4) 49 C.F.R. Part 173, except 173.10, 173.27, and 173.31;

(5) 49 C.F.R. Part 177;

(6) 49 C.F.R. Part 178; and

(7) 49 C.F.R. Part 180.

(c) When used in any provision adopted from 49 C.F.R. Parts 171, 173, 177, 178, and 180, the following substitutions shall be made unless otherwise specified:

(1) The terms "administrator," "associate administrator," and "regional administrator" shall be replaced with "director as defined in K.A.R. 82-4-1."

(2) The term "commercial motor vehicle" shall be replaced with "commercial motor vehicle as defined in K.A.R. 82-4-1."

(3) The term "competent authority" shall mean "the Kansas corporation commission or any other Kansas agency or federal agency that is responsible, under its law for the control or regulation of some aspect of hazardous materials transportation."

(5) The terms "DOT" and "department" shall be replaced with "commission as defined in K.A.R. 82-4-1."

(6) The term "the United States" shall be replaced with "the state of Kansas."

(d) Carriers transporting hazardous materials in intrastate commerce shall be subject to the packaging provisions as provided in K.S.A. 66-1,129b, and amendments thereto.

(e) Whenever the adopted federal hazardous

materials regulations refer to portions of the federal hazardous materials regulations that are not included under subsection (a), those references shall not be applicable to this regulation. (Authorized by K.S.A. 2010 Supp. 66-1,112, K.S.A. 66-1,112g, K.S.A. 2010 Supp. 66-1,129, and K.S.A. 66-1,129b; implementing K.S.A. 2010 Supp. 66-1,112, K.S.A. 2010 Supp. 66-1,129, and K.S.A. 66-1,129b; effective Jan. 1, 1971; amended May 1, 1981; amended May 1, 1984; amended May 1, 1985; amended May 1, 1987; amended May 1, 1988; amended April 30, 1990; amended Sept. 16, 1991; amended July 6, 1992; amended May 10, 1993; amended Oct. 3, 1994; amended Jan. 30, 1995; amended Jan. 4, 1999; amended July 14, 2000; amended Jan. 31, 2003; amended Oct. 2, 2009; amended Nov. 14, 2011.)

82-4-21. Requiring insurance. The following types of carriers shall not operate a motor vehicle, trailer, or semitrailer for the transportation of persons or property within the provisions of the motor carrier law of this state until an insurance policy is filed in compliance with K.S.A. 66-1,128 and amendments thereto, and in accordance with the commission's regulations:

(a) Public motor carriers of property, household goods, or passengers; and

(b) private motor carriers of property or household goods. (Authorized by K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g; implementing K.S.A. 2009 Supp. 66-1,128; effective Jan. 1, 1971; amended May 1, 1981; amended, T-85-48, Dec. 19, 1984; amended May 1, 1985; amended Jan. 4, 1999; amended Jan. 31, 2003; amended Oct. 22, 2010.)

82-4-22. Intrastate insurance requirements. (a) (1) Before the commission issues a certificate, permit, or license to an applicant, the following types of applicant carriers shall obtain and keep in force a public liability and property damage insurance policy pursuant to K.S.A. 66-1,128, and amendments thereto:

(A) Public motor carriers of property, household goods, or passengers; and

(B) private motor carriers of property or household goods.

(2) Each applicant shall submit proof of the required policy by filing the uniform standard insurance form as required by K.A.R. 82-4-24a. This policy shall be issued by an insurance company or association meeting the requirements of K.S.A. 66-1,128, and amendments thereto.

(3) The insurance policy shall bind the obligors to pay compensation for the following:

(A) Injuries or death to persons, except injury to the insured's employees while engaged in the course of their employment; and

(B) loss of, or damage to, property of others, not including property usually designated as cargo, resulting from the negligent operation of the carrier.

(4) Each carrier shall file proof of insurance in amounts not less than those required in K.S.A. 66-1,128, and amendments thereto. In special cases and for good cause shown, a carrier may be required by order of the commission to file insurance in additional amounts.

(b) Each public motor carrier of property and household goods that conducts intrastate business shall keep in force a cargo insurance policy in a minimum amount of $3,000. The motor carrier shall submit proof of the required policy by filing the uniform standard insurance form established in 49 C.F.R. Part 387 and adopted in K.A.R. 82-4-3n. This policy shall be issued by an insurance company or association meeting the requirements of K.S.A. 66-1,128, and amendments thereto.

(c) If a motor carrier is unable to provide the uniform standard insurance form required in subsection (a) or (b), the original or a certified copy of the policy with all endorsements attached may be temporarily accepted by the commission for 30 days. The motor carrier shall then file the form required in subsection (a) or (b) within the 30-day period.

(d) Before the expiration date or cancellation date of an insurance policy filed in compliance with the law and the regulations of the commission, either the motor carrier shall file with the commission a new policy for the vehicle, or the vehicle shall immediately be withdrawn from service and notification of the action shall be given to the commission.

(e) Operation by a motor carrier without compliance with this regulation shall result in emergency proceedings pursuant to K.S.A. 77-536, and amendments thereto, to suspend the certificate, permit, or license issued to the carrier. Each emergency order to cancel the certificate, permit, or license issued to the carrier shall be followed by a notice of the agency action and an opportunity for a hearing on the matter, pursuant to K.S.A. 77-536 and amendments thereto. (Authorized by K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g; implementing K.S.A. 2009 Supp. 66-

1,128; effective Jan. 1, 1971; modified, L. 1981, ch. 424, May 1, 1981; amended May 1, 1983; amended, T-85-48, Dec. 19, 1984; amended May 1, 1985; amended May 1, 1987; amended Oct. 3, 1994; amended Jan. 4, 1999; amended, T-82-7-26-02, July 26, 2002; amended Oct. 18, 2002; amended Oct. 22, 2010.)

82-4-23. General intrastate requirements. (a) Each insurance policy shall be written in the full and correct name of the individual, partnership, limited liability partnership, limited liability company, or corporation to whom the certificate, permit, or license has been issued, and in case of a partnership, all partners shall be named.

(b) Each policy filed with the commission shall be deemed the property of the commission and shall not be returnable.

(c) Cancellation notices and expiration notices shall be filed in duplicate with the commission on the uniform notice of cancellation of motor carrier insurance policies, form K, or in compliance with K.A.R. 82-4-24a. The original copy shall be retained by the commission, and the duplicate copy shall be stamped with the date it is received and returned to the insurance company for its files.

(d) A policy that has been accepted by the commission under this article may be replaced by filing a new policy. If the commission determines that the replacement policy is acceptable, then the earlier-filed policy shall no longer be considered the effective policy.

(e) All public liability and property damage insurance policies filed with the commission and motor carriers registered pursuant to K.A.R. 82-4-3n shall fulfill the insurance requirements of K.S.A. 66-1,128, and amendments thereto, and the regulations adopted by the commission.

(f) Each policy of insurance filed with the commission for approval shall be in amounts not less than the minimum of liability required under K.S.A. 66-1,128 and amendments thereto. (Authorized by K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g; implementing K.S.A. 2009 Supp. 66-1,128; effective Jan. 1, 1971; amended May 1, 1981; amended Oct. 3, 1994; amended Jan. 4, 1999; amended July 14, 2000; amended Jan. 31, 2003; amended Oct. 22, 2010.)

82-4-24a. Standard insurance forms. (a) Each motor carrier shall use the uniform standard insurance forms established under 49 C.F.R. Part 387, as adopted by K.A.R. 82-4-3n.

(b) The uniform motor carrier bodily injury and property damage liability certificate of insurance shall be form E for intrastate regulated and interstate exempt motor carriers.

(c) The uniform motor carrier cargo certificate of insurance shall be form H for intrastate common carriers.

(d) Forms BMC 91 and BMC 91X shall be required for interstate regulated motor carriers in accordance with K.A.R. 82-4-3n.

(e) The uniform notice of cancellation of motor carrier insurance policies shall be form K. (Authorized by K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g; implementing K.S.A. 2009 Supp. 66-1,128; effective May 1, 1981; amended May 1, 1984; amended Oct. 3, 1994; amended Jan. 4, 1999; amended July 14, 2000; amended Oct. 22, 2010.)

82-4-26. General requirements for certificates, permits, and licenses. (a) Except as otherwise specifically requested by the commission or its staff, each application for a certificate, permit, or license by a partnership shall be accompanied by a copy of the articles of partnership, if in writing. If the articles of partnership are not in writing, a statement of the partnership agreement shall accompany the application. Each limited liability partnership shall provide a copy of its partnership agreement. Each corporation applying for a certificate, permit, or license shall provide a copy of the articles of incorporation. Each limited liability company shall provide a copy of its articles of organization.

(b) In order to demonstrate that each applicant is fit, willing, and able to serve, the applicant shall attend an educational seminar on motor carrier operations conducted by the commission, in compliance with both of the following requirements:

(1) The person attending the seminar shall be the employee of the applicant responsible for the applicant's safety functions.

(2) The person responsible for the applicant's safety functions shall submit written verification on a form provided by the commission to verify that person's attendance at the seminar. (Authorized by K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g; implementing K.S.A. 2009 Supp. 66-1,116, 66-1,117; effective Jan. 1, 1971; amended May 1, 1981; amended Jan. 4, 1999; amended Jan. 31, 2003; amended Oct. 22, 2010.)

82-4-26a. Certain private motor carri-

ers exempt from obtaining commission authority. (a) A private motor carrier engaged in the occasional transportation of personal property that is not for compensation and is not in the furtherance of a commercial enterprise shall not be required to apply for a certificate, permit, or license.

(b) An interstate private motor carrier shall not be required to perform any of the following to enter the state of Kansas if that private motor carrier is exempt from safety regulations pursuant to 49 C.F.R. 390.23 and 49 C.F.R. 390.25 as adopted by K.A.R. 82-4-3f:

(1) Obtain commission authority under K.A.R. 82-4-29;

(2) carry a registration receipt pursuant to K.A.R. 82-4-30a(c); or

(3) obtain a permit and pay the special clearance fee required by K.A.R. 82-4-42(b). (Authorized by K.S.A. 66-1,112g; implementing K.S.A. 2009 Supp. 66-1,116 and K.S.A. 2009 Supp. 66-1,117; effective, T-82-10-25-01, Oct. 25, 2001; effective Dec. 28, 2001; amended Jan. 31, 2003; amended Oct. 22, 2010.)

82-4-27. Applications for certificates of convenience and necessity and certificates of public service. (a) Each application for a certificate of convenience and necessity or a certificate of public service shall be typewritten or printed on forms furnished by the commission. An original and two copies shall be filed and shall contain the following information:

(1) The address of the applicant's principal office or place of business and the applicant's residential address;

(2) a list of each motor vehicle, by make, year, and vehicle identification number (VIN), to be used by the applicant. If buses are to be used, the seating capacity of each bus shall be included;

(3) the commodity or commodities listed on form MCS-150 that the applicant intends to transport;

(4) a current balance sheet and income statement reflecting the most recent 12 months of data available or pro forma statement of the applicant; and

(5) evidence of compliance with the requirements of K.A.R. 82-4-26(b).

(b) If the commission deems a hearing necessary in order to evaluate an application for a certificate of public service, the applicant shall file testimony that details how the applicant is fit, knowledgeable of, and in compliance with all applicable safety regulations. (Authorized by K.S.A. 2009 Supp. 66-1,112 and 66-1,117; implementing K.S.A. 2009 Supp. 66-1,117 and 66-1,139; effective Jan. 1, 1971; amended May 1, 1981; amended May 1, 1984; amended May 1, 1987; amended Sept. 16, 1991; amended Oct. 3, 1994; amended Jan. 4, 1999; amended Jan. 31, 2003; amended Oct. 22, 2010.)

82-4-27a. Applications for transfer of certificates of convenience and necessity and certificates of public service. (a) A certificate of convenience and necessity or a certificate of public service issued to common motor carriers under the provisions of K.S.A. 66-1,114 and K.S.A. 66-1,114b, and amendments thereto, shall not be assigned or transferred without the consent of the commission. The terms and provisions of any certificate may reasonably be altered, restricted, or modified by the commission, or restrictions may be imposed by the commission on any transfers when the public interest may be best served.

(b) An application for the commission's approval of the transfer of the common carrier certificate shall be completed by both transferor and transferee and filed on forms prescribed by the commission. Each applicant shall file an original and two copies of the application with the commission. The application shall contain a certified or sworn contract entered into by the parties that shall meet the following criteria:

(1) Is filed as an exhibit with the application;

(2) sets out in full the agreement between the parties; and

(3) details all transferred items including equipment, property, goodwill, assumption of debt, covenants not to compete, and any other items relevant to the financial stability of the parties.

(c) The transferor or present owner of the certificate shall file a sworn statement containing the following information:

(1) The name and address of the present owner of the certificate;

(2) the date the certificate was obtained;

(3) the reason for the transfer;

(4) an indication of whether the transferor is currently under citation or suspension by the commission;

(5) an indication of whether all ad valorem taxes have been paid to the state of Kansas, or a

statement that clearly indicates which party shall be responsible for filing any delinquent rendition statement and who shall be responsible for paying any outstanding ad valorem tax obligation; and

(6) a statement that the vehicle maintenance records, driver qualification files, driver logs, and bills of lading of the transferor for the three years before the date of the transfer will be in the transferee's possession upon conclusion of the transfer.

(d) The transferee of the certificate shall file a sworn statement containing the following information:

(1) The name and address of the transferee according to one of the following:

(A) If the transferee is a corporation, the application shall designate the state in which the articles of incorporation were issued and shall provide the name and address of all officers;

(B) if the transferee is a limited liability company, the applicant shall designate the state in which the articles of organization were issued, provide the name and address of each officer, and provide a copy of the statement of foreign qualification;

(C) if the transferee is a limited liability partnership, the applicant shall designate the state in which the statement of qualification was issued, provide the name and address of each partner, and provide a copy of the limited liability partnership's statement of qualification; or

(D) if the transferee is an individual, partnership, or association, the application shall indicate the names and addresses of all parties owning an interest in the transferee and the percentage each owns;

(2) a financial statement showing in detail the financial ability and responsibility of the transferee;

(3) a statement specifying the amount the transferee borrowed or otherwise obtained to make the purchase of the items detailed in subsection (b) and specifying all details regarding the transactions;

(4) a sworn statement from the transferee that the vehicle maintenance records, driver qualification files, driver logs, and bills of lading of the transferor will be in the transferee's possession for three years from the date of the transfer. The transferee shall accept all responsibility for the books and records and shall have them available at any time for inspection by the commission or the commission's employees; and

(5) if the transferee is not currently a motor carrier holding authority from the commission, evidence of compliance with K.A.R. 82-4-26(b). (Authorized by K.S.A. 2009 Supp. 66-1,112 and 66-1,117; implementing K.S.A. 2009 Supp. 66-1,117 and K.S.A. 66-1,118; modified, L. 1981, ch. 424, May 1, 1981; amended May 1, 1983; amended May 1, 1987; amended Sept. 16, 1991; amended May 10, 1993; amended Oct. 3, 1994; amended Jan. 4, 1999; amended Jan. 31, 2003; amended Oct. 22, 2010.)

82-4-27c. Applications for transfer for purposes of change in the form of a business organization. (a) An application to transfer a certificate of convenience and necessity or a certificate of public service issued to a common motor carrier shall be considered by the commission without a hearing, pursuant to K.S.A. 66-1,115a and amendments thereto, if the transfer is required because of any change in the form of business organization, including the following:

(1) Incorporation of the limited liability company, sole proprietorship, limited liability partnership, or partnership holding the certificate or permit to be transferred;

(2) the dissolution of the corporation holding the certificate or permit and the formation of a limited liability company, partnership, limited liability partnership, or sole proprietorship by the entities comprising the former corporation;

(3) the dissolution of the limited liability company holding the certificate or permit and the formation of a partnership, limited liability partnership, or sole proprietorship by the entities comprising the former limited liability company;

(4) the dissolution of the limited liability partnership holding the certificate or permit and the formation of a limited liability company, partnership, or sole proprietorship by the entities comprising the former limited liability partnership; or

(5) the dissolution of the partnership holding the certificate or permit and formation of a sole proprietorship by a former partner.

(b) The application for transfer shall contain all applicable information required by K.A.R. 82-4-27a and a signed affidavit from the transferor stating both of the following:

(1) That the transfer is for any of the following:

(A) The incorporation of the present limited liability company, sole proprietorship, partnership, or limited liability partnership;

(B) the dissolution of a corporation to form a

limited liability company, partnership, limited liability partnership, or sole proprietorship;

(C) the dissolution of a limited liability company to form a partnership, limited liability partnership, or sole proprietorship;

(D) the dissolution of a limited liability partnership to form a limited liability company, partnership, or sole proprietorship;

(E) the dissolution of partnership to form a sole proprietorship; or

(F) any other change in the form of business; and

(2) that the management, operations, and equipment of the transferee will be the same as that of the transferor. (Authorized by K.S.A. 2009 Supp. 66-1,112, 66-1,117; implementing K.S.A. 2009 Supp. 66-1,112, 66-1,114, 66-1,115, 66-1,115a, K.S.A. 66-1,117; effective May 1, 1985; amended May 1, 1986; amended May 1, 1987; amended Sept. 16, 1991; amended July 6, 1992; amended Jan. 4, 1999; amended July 14, 2000; amended Oct. 22, 2010.)

82-4-27e. Application to merge or consolidate intrastate common authority; application to acquire control or management of an intrastate common motor carrier operation. (a) All individuals, partnerships, limited liability companies, limited liability partnerships, and corporations who intend to merge, consolidate, or acquire control or management of a motor carrier operation that possesses common interstate authority as well as intrastate authority, or possesses intrastate authority, shall first apply to the commission for authority to do so. The merger, consolidation, or acquisition may be accomplished by means including stock acquisition by a new motor carrier, new owner, or new majority stockholder; transfer of a partnership interest; or a conditional sales contract.

(b) Each entity who has received approval or exemption from the relevant federal agency to make any transaction described in subsection (a) shall send a copy of that approval or exemption to the commission and provide the information specified in subsection (d) on the required application.

(c) Each entity that desires to make any transaction described in subsection (a) and has not received approval or exemption of the relevant federal authority shall provide the information specified in subsections (d) and (e) and comply with the requirements of subsection (f).

(d) Each applicant shall file an original and two copies of the application with the commission. The application shall contain the following information:

(1) The background of the transaction, including the names of the entities involved, their addresses, the reasons for the transaction, and items to be retained, including equipment, property, and any other item relevant to the transaction; and

(2) a signed affidavit stating whether or not all ad valorem taxes have been paid to the state of Kansas and who shall be responsible for paying any outstanding ad valorem tax obligation.

(e) Those applicants who have not received approval or exemption from the relevant federal agency shall also provide the following information:

(1) With respect to a partnership transaction, the percentage of the partnership being transferred and the percentage of each partner as a result of the transaction;

(2) with respect to a stock transaction, the total number of shares outstanding, the total number of shares being transferred and to whom, and the total number of shares any transferee held before the stock transaction; and

(3) unless preempted by federal law, evidence of compliance by the acquiring party or transferee with K.A.R. 82-4-26(b).

(f) Any application filed under this regulation may be granted without hearing if no protests are lodged and the commission does not require further information to make a determination on the application. (Authorized by K.S.A. 2009 Supp. 66-1,112; implementing K.S.A. 2009 Supp. 66-1,114, 66-1,114b, and K.S.A. 66-1,118; effective May 1, 1986; amended July 6, 1992; amended Jan. 4, 1999; amended July 14, 2000; amended Jan. 31, 2003; amended Oct. 22, 2010.)

82-4-28. (Authorized by K.S.A. 2001 Supp. 66-1,112a, 66-1,117; implementing K.S.A. 2001 Supp. 66-1,112b, 66-1,115, 66-1,117, and 66-1,139; effective Jan. 1, 1971; amended May 1, 1981; amended Oct. 3, 1994; amended Jan. 4, 1999; amended Jan. 31, 2003; revoked Oct. 22, 2010.)

82-4-28a. (Authorized by K.S.A. 2001 Supp. 66-1,112a, 66-1,117; implementing K.S.A. 66-1,112c, K.S.A. 2001 Supp. 66-1,117; effective May 1, 1981; amended Jan. 4, 1999; amended Jan. 31, 2003; revoked Oct. 22, 2010.)

82-4-28b. (Authorized by and implementing K.S.A. 1997 Supp. 66-1,112; effective May 1, 1983; amended Jan. 4, 1999; revoked Oct. 22, 2010.)

82-4-30a. Applications for interstate registration. (a) (1) For the purposes of this regulation, "base state" shall have the meaning assigned to "base-state" in 49 U.S.C. 14504a(a)(2), as adopted in paragraph (a)(2) of this regulation.

(2) 49 U.S.C. 14504a(a)(2), as in effect on October 16, 2008, is hereby adopted by reference.

(3) Each interstate motor carrier designating Kansas as the carrier's base state and operating in interstate commerce over the highways of this state under authority issued by the relevant federal agency shall file the uniform application for registration issued by the relevant federal agency. The carrier shall file this application for registration with the transportation division of the state corporation commission.

(b) Each interstate motor carrier designating Kansas as the carrier's base state shall pay a fee to the state corporation commission. This fee shall be in accordance with the fee schedule in 49 C.F.R 367.30, as in effect on April 27, 2010 and hereby adopted by reference.

(c) An interstate regulated motor carrier shall not operate in interstate commerce over the highways of this state unless the carrier is registered in the carrier's base state pursuant to 49 U.S.C. 14504a(a)(2). (Authorized by K.S.A. 2009 Supp. 66-1,112; implementing K.S.A. 2009 Supp. 66-1,108b, 66-1,116 and 66-1,139; modified, L. 1981, ch. 424, May 1, 1981; amended Oct. 3, 1994; amended Jan. 4, 1999; amended July 14, 2000; amended Jan. 31, 2003; amended, T-82-10-8-07, Oct. 8, 2007; amended, T-82-12-10-07, Dec. 10, 2007; amended July 18, 2008; amended, T-82-5-12-10, May 12, 2010; amended Oct. 8, 2010.)

82-4-31. (Authorized by K.S.A. 1999 Supp. 66-1,112 and 66-1,112a; implementing K.S.A. 1999 Supp. 66-1,112, 66-1,112a, and 66-1a01; effective Jan. 1, 1971; amended May 1, 1981; amended May 1, 1984; amended Oct. 3, 1994; amended Jan. 4, 1999; amended July 14, 2000; revoked Oct. 22, 2010.)

82-4-32. Completing motor carrier applications. (a) Each applicant filing an application for an intrastate common carrier certificate, interstate license, or private carrier permit shall provide the commission with all information required to complete the application within 30 days of the original filing date. Any application that is not completed within 30 days of the original filing date may be dismissed without further notice, at the discretion of the commission.

(b) All information required to complete a filing for a certificate of convenience and necessity, certificate of public service, or a private carrier permit shall be provided to the commission within 90 days of the date of application, or within 30 days after the date of the hearing if the application requires a hearing. If the required information is not provided within the applicable time period, the application may be dismissed by the commission without further notice.

(c) Required application fees shall not be refunded if the application is dismissed by the applicant or the commission.

(d) Fees may be remitted by personal check, cash, certified check, money order, or electronic transfer of funds. (Authorized by K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g, and K.S.A. 2009 Supp. 66-1,117; implementing K.S.A. 2009 Supp. 66-1,117; effective Jan. 1, 1971; amended May 1, 1981; amended May 1, 1987; amended Oct. 3, 1994; amended Jan. 4, 1999; amended July 14, 2000; amended Jan. 31, 2003; amended Oct. 22, 2010.)

82-4-33. Service of process. (a) An applicant for a certificate, permit, or license who is not a resident of Kansas shall not be granted a certificate, permit, or license until the applicant designates an agent who is a resident of the state of Kansas to be a process agent for and on behalf of the applicant.

(b) Each interstate regulated carrier shall provide and maintain the name of the carrier's agent for service of process with the carrier's registration state, pursuant to 49 C.F.R. Part 367, as adopted by K.A.R. 82-4-30a.

(c) This regulation shall not apply to private carrier applicants. This regulation shall not be construed to relieve motor carriers from the obligation to comply with K.S.A 60-305a, and amendments thereto. (Authorized by K.S.A. 2009 Supp. 66-1,112; implementing K.S.A. 2009 Supp. 66-1,112; effective Jan. 1, 1971; amended May 1, 1981; amended May 1, 1985; amended Oct. 3, 1994; amended Jan. 4, 1999; amended July 14, 2000; amended Oct. 22, 2010.)

82-4-35. Preserving certificates or permits. (a) All intrastate motor carriers and drivers

of vehicles registered under certificates or permits shall, at all times, carry on every vehicle operated under the certificate or permit an authority card, issued by the commission, that specifies the operating authority granted by the commission under the certificate or permit.

(b) Copies of certificate or permits issued by the commission shall be carefully preserved by the holders. (Authorized by K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g; implementing K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g, K.S.A. 2009 Supp. 66-1,139; effective Jan. 1, 1971; amended May 1, 1981; amended May 1, 1984; amended May 1, 1987; amended Jan. 31, 2003; amended Oct. 22, 2010.)

82-4-35a. Inspections of motor carrier documents. The following documents shall be made available upon request for inspection by any duly authorized representative of the commission, the state highway patrol, or other law enforcement officers:

(a) Registration receipts;
(b) authority cards;
(c) driver logs;
(d) bills of lading or shipping receipts;
(e) waybills;
(f) freight bills;
(g) run tickets, or equivalent documents, and orders;
(h) cab cards;
(i) fuel receipts;
(j) toll road receipts; and
(k) any other documents that would indicate compliance with hours of service requirements. (Authorized by K.S.A. 2009 Supp. 66-1,112 and K.S.A. 66-1,112g; implementing K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g, 66-1,131, and K.S.A. 2009 Supp. 66-1,139; effective May 1, 1987; amended May 10, 1993; amended Oct. 3, 1994; amended Jan. 4, 1999; amended July 14, 2000; amended Oct. 22, 2010.)

82-4-37. (Authorized by K.S.A. 1999 Supp. 66-1,112, 66-1,112a, K.S.A. 66-1,112g; implementing K.S.A. 1999 Supp. 66-1,112, 66-1,112a, K.S.A. 66-1,112g, K.S.A. 1999 Supp. 66-1,139; effective Jan. 1, 1971; amended May 1, 1981; amended May 10, 1993; amended Oct. 3, 1994; amended Jan. 4, 1999; amended July 14, 2000; revoked Oct. 22, 2010.)

82-4-40. Passengers on property-carrying vehicles. A certificate, permit, or license authorizing transportation of property shall not authorize the transportation of persons. A motor carrier operating solely as a carrier of property shall not transport passengers or permit passengers to be transported with or without compensation. The owner of the property being transported, or the owner's lawful agent, may be carried in the same vehicle that is transporting the owner's property. (Authorized by K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g; implementing K.S.A. 66-1,108, K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g; effective Jan. 1, 1971; amended May 1, 1981; amended Oct. 22, 2010.)

82-4-42. Emergency and occasional equipment. (a) Holders of certificates, permits, and licenses who have motor vehicles registered with the commission and who have complied with all lawful requirements may in case of emergency be authorized by the commission by fax, internet communication, or otherwise, to operate additional equipment or special equipment in substitution of regular registered equipment. Any motor carrier authorized to operate in intrastate commerce may perform either of the following:

(1) Transfer Kansas operating authority from regularly registered equipment to temporary or new equipment online. Regular registered equipment for which special equipment is being substituted shall not be operated at the same time that the special equipment is being operated; or

(2) add the special equipment to the motor carrier's profile and submit payment of the registration fee. The registration fee for the additional or special equipment shall be $10.00 for each truck or truck-tractor.

(b) If a seasonal emergency occurs, a motor carrier may obtain authorization to operate additional or special equipment according to any of the following:

(1) A 30-day temporary wire or letter of authority authorizing the use of additional or special equipment may be issued.

(2) The motor carrier may transfer registration from regularly registered equipment as described in paragraphs (a)(1) and (a)(2).

(3) The motor carrier may apply for Kansas permits online.

(c) Each motor carrier conducting point-to-point intrastate operations in Kansas shall have obtained appropriate commission operating authority pursuant to K.S.A. 66-1,114 and K.S.A. 66-1,115, and amendments thereto. A carrier regis-

tered to conduct both intrastate and interstate operations shall not be required to register equipment as specified in subsections (a) and (b). (Authorized by K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g, K.S.A. 2009 Supp. 66-1,140; implementing K.S.A. 2009 Supp. 66-1,140; effective Jan. 1, 1971; amended May 1, 1981; amended Oct. 3, 1994; amended Jan. 4, 1999; amended July 14, 2000; amended Oct. 22, 2010.)

82-4-48. Bills of lading, waybills, and freight bills. (a) Each common motor carrier of household goods electing to be governed by K.A.R. 82-4-48a, K.S.A. 66-304, and K.S.A. 84-7-101 through K.S.A. 84-7-603, and amendments thereto, shall issue a bill of lading for household goods tendered for intrastate commerce.

(b) Each common motor carrier transporting property, other than household goods, and electing to be governed by K.A.R. 82-4-48a, K.S.A. 66-304, and K.S.A. 84-7-101 through K.S.A. 84-7-603, and amendments thereto, shall issue a bill of lading for property tendered for intrastate commerce.

(c) Each bill of lading shall include the following:

(1) The name and address of the motor carrier;

(2) the name and address of the consignor and consignee;

(3) the date of shipment;

(4) the origin and destination of the shipment;

(5) the signature of the motor carrier or its agent;

(6) a description of the shipment, including the number of packages, or the weight or volume;

(7) a released value clause as prescribed in K.S.A. 84-7-309, and amendments thereto, printed on the front of the document, if applicable; and

(8) on request of the shipper, a written or electronic copy of the rate, classification, rules, and practices upon which any rate applicable to a shipment, or agreed to between the shipper and the carrier, is based. The copy provided by the carrier shall clearly state the dates of applicability of the rate, classification, rules, or practices.

(d) Bills of lading, waybills, and freight bills may be included on one form.

(e) Each transporter of crude petroleum oil, sediment oil, water, or brine shall require its drivers to possess a run ticket or equivalent documents as specified in K.A.R. 82-3-127.

(f) The documents required in subsections (a), (b), and (e) shall be held available upon request for inspection by any authorized representative of the commission, the state highway patrol, or other law enforcement officers.

(g) The bill of lading, waybill, freight bill, run ticket, or equivalent documents as specified in K.A.R. 82-3-127 shall be retained by the transporter for at least three years from the date of shipment. (Authorized by and implementing K.S.A. 2009 Supp. 66-1,112; effective Jan. 1, 1971; amended May 1, 1981; amended, T-83-45, Dec. 8, 1982; modified, L. 1983, ch. 362, May 1, 1983; amended Jan. 4, 1999; amended Oct. 22, 2010.)

82-4-48a. Motor carriers of property other than household goods carriers electing to be subject to uniform bills of lading and antitrust immunity regulations. (a) Any intrastate common and contract motor carrier of property, other than household goods carriers, may elect to be subject to regulations related to any of the following:

(1) Uniform cargo liability rules for property being transported pursuant to K.S.A. 66-304, and amendments thereto, and K.A.R. 82-4-48 through K.A.R. 82-4-85;

(2) uniform bills of lading or receipts for property being transported pursuant to K.S.A. 66-304 and amendments thereto, K.A.R. 82-4-48, and K.S.A. 84-7-101 through 84-7-603 and amendments thereto; or

(3) antitrust immunity for joint line rates or routes, classification, and mileage guides, pursuant to K.A.R. 82-4-68 through K.A.R. 82-4-85.

(b) All motor carriers electing to be subject to an existing commission regulation dealing with one or more of the subjects specified in subsection (a) shall file written notice with the commission. The written notice filed with the commission shall specify the commission regulations that apply and provide one-day notice of adoption. If the motor carrier elects to opt out of any prior commission regulation listed in subsection (a), the motor carrier shall file written notice with the commission providing 30-day notice of abrogation. (Authorized by and implementing K.S.A. 2009 Supp. 66-1,112, K.S.A. 66-1,112g; effective Jan. 4, 1999; amended Oct. 22, 2010.)

82-4-53. Common motor carrier rates and charges. (a) Common motor carriers of property or passengers that are engaged in intrastate commerce in Kansas shall maintain on file

with the commission a copy of the tariff publications applicable to their lines between points in Kansas. The carriers shall keep open for public inspection, at their principal offices and locations at which they have employed exclusive agents, all intrastate tariff publications applicable to their lines from or to their stations.

(b) Each change to a tariff publication shall be made subject to 30-day notice to the public and the commission, unless otherwise authorized by the commission. Tariff publications of motor carriers effecting changes resulting in increases in charges, either directly or by means of any change in the regulation or practice affecting a charge or value of service, may be filed on one-day notice to the commission and the public. Applicants granted new authority may file tariffs to be effective on one-day notice. Transferees may adopt the existing tariffs of transferors to be effective on one-day notice.

(c) Tariff publication, except general rate increases, shall not go into effect without prior approval of the commission. The publications shall be subject to protest and suspension. All publications shall be accompanied by a full and complete statement citing the reasons and justifications for the changes.

(d) General rate increases shall be made only by filing an application and after approval of the commission by written order.

(e) Protests of tariff publications shall be considered only if received by the commission at least 12 days before the published effective date of publications. Pursuant to protest or on the commission's own motion without protest, postponement of an effective date may be ordered by the commission to permit the matter to be properly investigated. Unless otherwise ordered by the commission, publication shall become effective as filed. Publications shall not be postponed to exceed 90 days.

(f) All tariff publications shall be made in compliance with the commission's regulations governing the publication and filing of common motor carrier rates and charges. (Authorized by K.S.A. 2009 Supp. 66-1,112; implementing K.S.A. 66-117, K.S.A. 2009 Supp. 66-1,112; effective Jan. 1, 1971; amended May 1, 1981; amended Jan. 4, 1999; amended Oct. 22, 2010.)

82-4-54. Tariff publication to become effective on less than 30-day notice. (a) Departure from the commission's requirement in K.A.R. 82-4-53(b) that tariff publications become effective on 30-day notice may be permitted by the commission, if good and sufficient cause is shown to convince the commission that publication should be made on short notice.

(b) The applicant shall provide all related facts or circumstances that could aid the commission in determining if the request is justified. If permission to establish provisions on less than the required notice is sought, the applicant shall state why the proposed provisions could not have been established upon 30-day notice.

(c) Permission to allow a tariff to become effective on less than 30-day notice shall be granted in cases for which good cause is shown. The desire to meet tariff publications of a competing carrier that has been filed on 30-day notice or one-day notice may be considered a factor for permitting publication on short notice. (Authorized by K.S.A. 66-1,218 and K.S.A. 2009 Supp. 66-1,112; implementing K.S.A. 66-1,218 and K.S.A. 2009 Supp. 66-1,112; effective Jan. 1, 1971; amended May 1, 1981; amended May 1, 1987; amended Jan. 4, 1999; amended Oct. 22, 2010.)

82-4-55. Procedure for filing a request for postponement of tariff publications. (a) Each protested tariff publication sought to be postponed shall be identified by making reference to the name of the publishing carrier or agent, to the motor carrier's K.C.C. tariff number, and to the specific items or particular provisions protested. The protest shall state the grounds, indicate in what respect the protested tariff publication is considered unlawful, and state what the protestant offers as a substitution. Each protest shall be addressed to the commission. A protest shall not include a request that it also be considered as a formal complaint. If a protestant desires to proceed further against a tariff publication that is not postponed or that has been postponed and the postponement vacated, a separate, later, formal complaint or petition shall be filed.

(b) Protests against, and requests for, postponement of tariff publications filed under this regulation shall not be considered unless made in writing and filed with the commission in Topeka, Kansas. The original and five copies of each request for postponement shall be filed with the commission at least 12 days before the effective date of the tariff publication, unless the protested publication was filed on less than 30-day notice under the authority of this commission, in which

event the protests shall be filed at the earliest possible date. In an emergency, protests submitted by fax shall be acceptable if they fully comply with subsection (a) and copies are simultaneously faxed by protestants to the respondent carriers or their publishing agents. An original and five copies of the fax shall simultaneously be mailed by the protestants to the commission in Topeka.

(c) An original and five copies of each protest or reply filed under this regulation shall be filed with the commission no later than 10 days after the publication of the tariff, and one copy of the protest shall simultaneously be served upon the publishing carrier or agent and upon other known interested parties.

(d) Each order instituting an investigation shall be served by the commission upon respondents. If the respondent fails to comply with any requirements or time period specified in the order, the respondent shall be deemed to be in default and to have waived any further hearing. The investigation may then be decided without further proceedings. (Authorized by K.S.A. 2009 Supp. 66-1,112; implementing K.S.A. 66-117 and K.S.A. 2009 Supp. 66-1,112; effective Jan. 1, 1971; amended May 1, 1981; amended Jan. 4, 1999; amended Oct. 22, 2010.)

82-4-56a. Common motor carrier tariffs. (a) Each tariff shall be typewritten, printed, or reproduced by other similar, durable process, upon paper of good quality, 8 by 11 or 8½ by 11 inches in size.

(b) The title page shall show the following information:

(1) In the upper right-hand corner, the K.C.C. number of the tariff and, immediately below that, the K.C.C. number of the tariff canceled, if any. The first tariff issued by each carrier shall be numbered "K.C.C. no. 1"; succeeding tariffs shall be numbered consecutively. This information may be shown elsewhere on the page or on the second page of the tariff, if it applies to interstate as well as intrastate traffic;

(2) the name of the carrier, individual, or organization issuing the tariff;

(3) the names of the participating carriers or a reference to the page in the tariff containing that information;

(4) if the tariff is a passenger or household goods tariff, the tariff names' class rates, commodity rates, mileages, rules, one-way fares, round-trip fares, excursion fares, and appropriate designation, if the tariff applies to local traffic, joint traffic, or both;

(5) the territories or points between which the tariff applies, briefly stated;

(6) specific references to the classification and to publications containing any exceptions to the classification governing the rates named in the tariff;

(7) the issued and effective dates;

(8) the commission's motor carrier identification number assigned; and

(9) the name, title, and complete address of the party issuing the tariff.

(c) The requirements of subsection (a) shall be observed in the construction of circulars and other governing tariff publications. Tariff supplements shall be numbered consecutively, beginning with the number one, and shall show the K.C.C. number of the publication amended, the number of any previous supplements or tariffs canceled, and numbers of the supplements containing all changes from the original publication. This information shall appear in the upper right-hand corner of the supplement unless the supplement applies to interstate as well as intrastate traffic, in which case the information may be shown elsewhere on the title page or on the second page.

(d) All household goods tariffs shall contain the following information:

(1) In clear and explicit language, all terms, additional charges, and privileges applicable in connection with the rates and charges named in the tariff, or specific reference to publications naming these terms, additional charges, and privileges;

(2) any exceptions to the application of rates and charges named in the tariff;

(3) a full explanation of reference marks and technical abbreviations used in the tariff;

(4) rates in cents or dollars and cents per 100 pounds or per ton of 2,000 pounds or other definite measure; and

(5) the method by which the distance rates shall be determined. Specific point-to-point rates shall be published whenever practicable.

(e) All passenger tariffs shall show the following information:

(1) Adult fares, definitely and specifically stated in cents or in dollars and cents, per passenger, together with the names of the stations or the stopping places for which the fares apply, arranged in a simple and systematic manner; and

(2) the identification of terms, agreements, or

other documentation that is applicable or contains specific reference to the publications in which the fares will be found. (Authorized by K.S.A. 2009 Supp. 66-1,112; implementing K.S.A. 66-117, K.S.A. 2009 Supp. 66-1,112; effective May 1, 1981; amended Jan. 4, 1999; amended Oct. 22, 2010.)

82-4-57. Powers of attorney and concurrences. (a) A common carrier desiring to give a power of attorney to an agent to issue and file tariffs and supplements for the carrier shall file notice of this intention on a form approved by the commission.

(b) If a common carrier desires to concur in tariffs issued and filed by another carrier or by its agent, a concurrence in substantially the same form as that prescribed by the USDOT for use in similar instances, with references to the interstate tariffs, shall be issued in favor of the issuing carrier.

(c) The original of all powers of attorney and concurrences shall be filed with the commission, and a duplicate of the original shall be sent to the agent or carrier on whose behalf the document is issued.

(d) If a common carrier wishes to revoke a power of attorney or concurrence, a notice shall be filed with the commission, the carrier's agent or agents, and any other carrier affected by the revocation. The notice shall be filed at least 30 days before the effective date. (Authorized by K.S.A. 2009 Supp. 66-1,112; implementing K.S.A. 2009 Supp. 66-1,112; effective Jan. 1, 1971; amended May 1, 1981; amended May 1, 1984; amended Jan. 4, 1999; amended July 14, 2000; amended Oct. 22, 2010.)

82-4-58. Suspension or modification of tariff regulations. Upon written application and a showing of good cause, common carrier tariff regulations may be suspended or modified by the commission to cover unusual instances. (Authorized by K.S.A. 2009 Supp. 66-1,112; implementing K.S.A. 2009 Supp. 66-1,112; effective Jan. 1, 1971; amended May 1, 1981; amended Oct. 22, 2010.)

82-4-62. (Authorized by K.S.A. 1997 Supp. 66-1,112; effective Jan. 1, 1971; amended Jan. 4, 1999; revoked Oct. 22, 2010.)

82-4-63. Contested and uncontested motor carrier hearings. An application for a common carrier certificate of convenience and necessity, certificate of public service, or abandonment of a common carrier certificate shall be considered as contested if either protestants or intervenors, or both, appear at the hearing held on the application and present testimony or evidence in support of their contentions, present a question or questions of law, or cross-examine the applicant's witnesses with regard to the application. If neither protestants nor intervenors appear and offer testimony or evidence in support of their contentions, raise a question of law, or cross-examine the applicant's witnesses with reference to any pending application, the application shall be considered as uncontested. (Authorized by K.S.A. 66-106, K.S.A. 2009 Supp. 61,112; implementing K.S.A. 66-106, K.S.A. 2009 Supp. 66-1,114, 66-1,115 and 66-1,119; effective Jan. 1, 1971; amended May 1, 1981; amended May 1, 1987; amended Jan. 4, 1999; amended Oct. 22, 2010.)

82-4-65. Protestants. Each protest against the granting of a permit, certificate, extension, abandonment, or transfer shall be considered as follows:

(a) Any interested person who believes that the public will be adversely affected by a proposed application may file a written protest. The protest shall identify the name and address of the protestant and the title and docket number of the proceeding. The protest shall include specific allegations as to how the applicant is not fit, willing, and able, or fit, knowledgeable, and in compliance with the commission safety regulations, to perform these services or how the proposed services are otherwise inconsistent with the public convenience and necessity.

(b) If the protestant opposes only a portion of the proposed application, the protestant shall state with specificity the objectionable portion.

(c) The protest shall be filed in triplicate with the commission within 10 days after publication of the notice in the Kansas Register. Failure to file a timely protest shall preclude the interested person from appearing as a protestant.

(d) Each protestant shall serve the protest upon the applicant at the same time or before the protestant files the protest with the commission. The protest shall not be served on the applicant by the commission.

(e) To secure consideration of a protest, the protestant, intervenor, or a designated representative, as defined in K.A.R. 82-4-63, shall offer evidence or a statement or shall participate in the

hearing. (Authorized by K.S.A. 2009 Supp. 66-1,112; implementing K.S.A. 2009 Supp. 66-1,114; effective Jan. 1, 1971; amended May 1, 1981; amended May 1, 1985; amended May 1, 1987; amended May 1, 1988; amended Jan. 4, 1999; amended Oct. 22, 2010.)

82-4-77. Right of independent action. (a) An organization shall not interfere with each of that organization's carrier's right to independent action. That organization shall not change or cancel any rate established by independent action other than a general increase or broad rate restructuring. However, changes in the rates may be effected, with the written consent of the carrier or carriers that initiated the independent action, for the purpose of tariff simplification, removal of discrimination, or elimination of obsolete items.

(b) Collective adjustments pursuant to K.S.A. 66-1,112, and amendments thereto, shall not cancel rate or rule differentials or differences in rates or rules existing as a result of any independent action taken previously, unless the proponent and any other participant in that independent action desires to eliminate the rate differential or application and notifies the organization in writing of its consent.

(c) Independent action shall mean any action taken by a common carrier member of an organization to perform any of the following:

(1) Establish a rate to be published in the appropriate rate tariff or cancel a rate for that carrier's account;

(2) instruct the organization publishing the rate tariff that the existing rate or rates, whether established by independent action or collective action, proposed to be changed or cancelled be retained for that carrier's account and published in the appropriate tariff; or

(3) publish for the common carrier's account, in the appropriate tariff, a rate established by the independent action of another carrier. This definition shall apply regardless of the manner in which the carrier joins in the rate, if the rate published for the joining carrier's account is the same as the rate established by the other carrier under independent action. (Authorized by and implementing K.S.A. 2009 Supp. 66-1,112; effective, T-83-45, Dec. 8, 1982; effective May 1, 1983; amended Oct. 22, 2010.)

Article 11.—NATURAL GAS PIPELINE SAFETY

82-11-4. Transportation of natural and other gas by pipeline; minimum safety standards. The federal rules and regulations titled "transportation of natural and other gas by pipeline: minimum federal safety standards," 49 C.F.R. Part 192, including appendices B, C, D, and E, as in effect on October 1, 2010, with the exception of portions that include jurisdiction beyond the state of Kansas, including off-shore pipelines, the outer continental shelf, and states other than Kansas, are adopted by reference with the following exceptions, deletions, additions, and modifications:

(a) 49 C.F.R. 192.7(b) shall be deleted and replaced by the following: "(b) Any incorporated document shall be available for inspection at the gas pipeline safety section's Topeka, Kansas office. All incorporated materials are also available for inspection in the Office of Pipeline Safety, Pipeline and Hazardous Materials Safety Administration, 1200 New Jersey Avenue, S.E., Washington, D.C., 20590-0001 or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030 or access the following website: http://www.archives.gov/federal_register/code_of_federal _regulations/ibr_locations.html. These materials have been approved for incorporation by reference by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. In addition, the incorporated materials are available from the respective organizations listed in paragraph (c)(1) of this section."

(b) 49 C.F.R. 192.181(a) shall be deleted and replaced by the following: "(a) Each high-pressure distribution system shall have valves spaced to reduce the time to shut down a section of main in an emergency. Each operator shall specify in its operation and maintenance manual the criteria as to how valve locations are determined using, as a minimum, the considerations of operating pressure, the size of the mains, and the local physical conditions. The emergency manual shall include instructions on where operating personnel can find maps and other means of locating emergency valves during an emergency. Each area of residential development constructed after May 1, 1989 shall be provided with at least one valve to isolate it from other areas."

(c) 49 C.F.R. 192.199(e) shall be deleted and replaced by the following: "(e) Have discharge stacks, vents, or outlet ports designed to prevent accumulation of water, ice, or snow, located where gas can be discharged into the atmosphere without undue hazard. At town border stations

and district regulator settings, the gas shall be discharged upward at a minimum height of six feet from the ground or past the overhang of any adjacent building, whichever is greater."

(d) 49 C.F.R. 192.199(h) shall be deleted and replaced by the following: "(h) Except for a valve that will isolate the system under protection from its source of pressure, shall be designed to prevent unauthorized access to or operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative including:

"(1) valves that would bypass the pressure regulator or relief devices; and

"(2) shut-off valves in regulator control lines that, if operated, would cause the regulator to be inoperative."

(e) The following shall be added to 49 C.F.R. 192.199: "(i) At town border stations and district regulator settings, this section shall require pressure relief or pressure limiting devices regardless of installation date."

(f) 49 C.F.R. 192.307 shall be deleted and replaced by the following: "Inspection of materials. Each length of pipe and each other component shall be visually inspected at the site of installation to ensure that it has not sustained any visually determinable damage that could impair its serviceability. Except for short sections of pipe with external coating applied after installation, each coated length of pipe shall be checked for defects in the coating using an instrument that is calibrated according to manufacturer's specifications prior to lowering the pipe into the ditch."

(g) The following subsection shall be added to 49 C.F.R. 192.317: "(d) Each aboveground pipeline shall be placed underground, with the following exceptions:

"(1) Regulator station piping;

"(2) bridge crossings;

"(3) aerial crossings or spans;

"(4) short segments of piping for valves intentionally brought above the ground, including risers, piping at compressor, processing or treating facilities, block gate settings, sectionalizing valves and district regulator sites;

"(5) distribution mains specifically designed to be above the ground and have the approval of the landowner to provide service to commercial customers from the aboveground main and associated service line or lines; or

"(6) pipelines in class 1 locations that were in natural gas service before May 1, 1989."

(h) The following shall be added to 49 C.F.R. 192.317: "(e) Each pipeline constructed after May 1, 1989, shall be placed under ground, with the following exceptions:

"(1) Regulator station piping;

"(2) bridge crossings;

"(3) aerial crossings or spans;

"(4) short segments of piping for valves intentionally brought above ground, including risers, piping at compressor, processing or treating facilities, block gate settings, sectionalizing valves and district regulator sites; or

"(5) distribution mains specifically designed to be above ground and have the approval of the landowner to provide service to commercial customers from the aboveground main and associated service line or lines."

(i) 49 C.F.R. 192.453 shall be deleted and replaced by the following: "(a) The corrosion control procedures required by 49 C.F.R. 192.605(b)(2), including those for the design, installation, operation, and maintenance of cathodic protection systems, must be carried out by, or under the direction of, a person qualified in pipeline corrosion control methods.

"(b) Any unprotected steel service or yard line found to have active corrosion shall be either provided with cathodic protection and monitored annually as required by K.A.R. 82-11-4 (m) or replaced. In areas where there is no active corrosion, each operator shall, at intervals not exceeding three years, reevaluate these pipelines.

"(c) In lieu of conducting electrical surveys on unprotected steel service lines and yard lines, each operator may implement one of the following options:

"(1) Conduct annual leakage surveys at intervals not exceeding 15 months, but at least once each calendar year, on all unprotected steel service lines and yard lines and initiate a program to apply cathodic protection for all unprotected steel service lines and yard lines; or

"(2) conduct annual leakage surveys at intervals not exceeding 15 months, but at least once each calendar year, on all unprotected steel service lines and yard lines and initiate a preventative maintenance program for replacement of service and yard lines. The preventative maintenance program to be used in conjunction with the annual leak survey of unprotected steel service and yard lines shall include the following:

"(A) After the annual leakage survey of all unprotected steel service and yard lines is com-

pleted, the operator shall prepare a summary listing of the leak survey results.

"(B) The summary listing shall include the number of leaks found and the number of lines replaced in a defined area.

"(C) An operator's replacement program for all service or yard lines in the defined area shall be initiated no later than when the sum of the number of unprotected steel service or yard lines with existing or repaired corrosion leaks and the number of unprotected steel service or yard lines already replaced due to corrosion equals 25% or more of the unprotected steel service or yard lines installed within that defined area.

"(D) The replacement program, once initiated for a defined area, shall be completed by an operator within 18 months.

"(E) Operators, at their option, may have separate preventative maintenance programs for service lines and yard lines but must consistently follow their selection.

"(d) For a city of the third class, or a city having a population of 2,000 or less, which is an operator of a natural gas distribution system, a replacement program for unprotected steel yard lines may comply with paragraph (c)(2)(D) of this section or include the following requirements in their replacement plan:

"(1) Perform leakage surveys at six month intervals;

"(2) Notify all customers in the defined area with a written recommendation that all unprotected steel yard lines should be scheduled for replacement; and

"(3) Replace all unprotected steel yard lines in the defined area that exhibit active corrosion."

(j) 49 C.F.R. 192.455(a) shall be deleted and replaced by the following: "(a) Except as provided in paragraphs (c) and (f) of this section, each buried, submerged pipeline, or exposed pipeline, installed after July 31, 1971, shall be protected against external corrosion by various methods, including the following:

"(1) An external protective coating meeting the requirements of 49 C.F.R. 192.461; and

"(2) A cathodic protection system designed to protect the pipeline in accordance with this subpart, installed and placed in operation within one year after completion of construction."

(k) 49 C.F.R. 192.455(b) shall be deleted.

(l) 49 C.F.R. 192.457(b) shall be deleted and replaced by the following: "(b) Except for cast iron or ductile iron pipelines, each of the following buried, exposed or submerged pipelines installed before August 1, 1971, shall be cathodically protected in accordance with this subpart in areas in which active corrosion is found:

"(1) Bare or ineffectively coated transmission lines;

"(2) bare or coated pipes at compressor, regulator, and measuring stations; and

"(3) bare or coated distribution lines."

(m) 49 C.F.R. 192.465(a) shall be deleted and replaced by the following: "Each pipeline that is under cathodic protection shall be tested at least once each calendar year, but in intervals not exceeding 15 months, to determine whether the cathodic protection meets the requirements of 192.463. If tests at those intervals are impractical for separately protected short sections of mains or transmission lines not in excess of 100 feet, or separately protected service lines, these pipelines may be surveyed on a sampling basis. At least one-third of the separately protected short sections, distributed over the entire system, shall be surveyed each calendar year, with a different one-third checked each subsequent year, so that the entire system is tested in each three-year period."

(n) 49 C.F.R. 192.465(d) shall be deleted and replaced by the following: "(d) Each operator shall begin corrective measures within 30 days, or more promptly if necessary, on any deficiencies indicated by the monitoring."

(o) 49 C.F.R. 192.465(e) shall be deleted and replaced by the following: "(e) After the initial evaluation required by 49 C.F.R. 192.455 (b) and K.A.R. 82-11-4(l), each operator shall, at least every three calendar years at intervals not exceeding 39 months, reevaluate its unprotected pipelines and cathodically protect them in accordance with this subpart in areas in which active corrosion is found. The operator shall determine the areas of active corrosion by electrical survey, where practical."

(p) The following shall be added to 49 C.F.R. 192.465: "(f) It shall be considered practical to conduct electrical surveys in all areas, except the following:

"(1) Where the pipe lies under wall-to-wall pavement;

"(2) where the pipe is in a common trench with other utilities;

"(3) in areas with stray current; or

"(4) in areas where the pipeline is under pavement, regardless of depth, and more than two feet away from an unpaved area.

"(g) Where an electrical survey is impractical as listed in paragraph (f) of this section, the operator shall conduct leakage surveys using leak detection equipment in accordance with K.A.R. 82-11-4(dd) and evaluate for areas of active corrosion. The evaluation for active corrosion shall include review and analysis of leak repair records, corrosion monitoring records, exposed pipe inspection records, and the analysis of the pipeline environment.

"(h) for unprotected steel transmission lines and mains, a repair/replacement program shall be established based upon the number of leaks in a defined area.

(q) 49 C.F.R. 192.491(a) shall be deleted and replaced by the following: "(a) For as long as the pipeline remains in service, each operator shall maintain records and maps to show the locations of all cathodically protected piping, cathodic protection facilities other than unrecorded galvanic anodes installed before August 1, 1971, and neighboring structures bonded to the cathodic protection system."

(r) 49 C.F.R. 192.491(b) shall be deleted.

(s) 49 C.F.R. 192.509(b) shall be deleted and replaced by the following: "(b) Each steel main that is to be operated at less than 1 p.s.i.g. shall be tested to at least 10 p.s.i.g. and each main to be operated at or above 1 p.s.i.g. shall be tested to at least 100 p.s.i.g."

(t) The following shall be added to 49 C.F.R. 192.517(a): "(8) Test date. (9) Description of facilities being tested."

(u) 49 C.F.R. 192.517(b) shall be deleted and replaced by the following: "For any pipeline installed after May 1, 1989, each operator shall make, and retain for the useful life of the pipeline, a record of each test performed under §§ 192.509, 192.511 and 192.513."

(v) 49 C.F.R. 192.553(a)(1) shall be deleted and replaced by the following: "(1) At the end of each incremental increase, the pressure shall be held constant while the entire segment of pipeline that is affected is checked for leaks. This leak survey by flame ionization shall be conducted within eight hours after the stabilization of each incremental pressure increase provided in the uprating procedure. If the operator elects to not conduct the leak survey within the specified time frame because of nightfall or other circumstance, the pressure increment in the line shall be reduced that day with repetition of that particular increment during the next day that the uprating procedure is continued."

(w) 49 C.F.R. 192.603(b) shall be deleted and replaced by the following: "(b) Each operator shall establish a written operating and maintenance plan meeting the requirements of this part and keep records necessary to administer the plan. This plan and future revisions shall be submitted to the gas pipeline safety section."

(x) The following shall be added to 49 C.F.R. 192.603:

"(d) Each operator shall have regulator and relief valve test, maintenance and capacity calculation records in its possession whether the town border station is owned by the operator or by a wholesale supplier, if the supplier's relief valve capacity is utilized to provide protection for the operator's system.

"(e) Each operator shall be responsible for ensuring that all work completed by its consultants and contractors complies with this part."

(y) The following shall be added to 49 C.F.R. 192.605(b):

"(13) Classifying underground leaks according to K.A.R. 82-11-4(bb).

"(14) Performing leakage surveys of underground pipelines.

"(15) Identifying conditions which will require patrols of a distribution system at intervals shorter than the maximum intervals listed in K.A.R. 82-11-4 (cc)."

(z) 49 C.F.R. 192.617 shall be deleted and replaced by the following: "Investigation of failures. (a) Each operator shall establish procedures for analyzing accidents and failures, including:

"(1) The maintenance of records that contain information for each failure including the type of pipe and the reason for failure.

"(2) The selection of samples of the failed facility or equipment for laboratory examination, where appropriate, for the purpose of determining the causes of the failure and minimizing the possibility of recurrence.

"(b) Each operator shall investigate each accident and failure."

(aa) 49 C.F.R. 192.625(f) shall be deleted and replaced by the following:

"(f) Each operator shall assure the proper concentration of odorant and shall maintain records of these samplings for at least two years in accordance with this section. Proper concentration of odorant shall be assured by conducting periodic sampling of combustible gases as follows:

"(1) Conduct monthly odorometer sampling of

combustible gases at selected points in the system; and

"(2) conduct sniff tests during each service call where access to a source of gas in the ambient air is readily available.

"(g) Operators of master meter systems may comply with this requirement by the following:

"(1) Receiving written verification from their gas source that the gas has the proper concentration of odorant; and

"(2) Conducting periodic sniff tests at the extremities of the system to confirm that the gas contains odorant."

(bb) 49 C.F.R. 192.703 shall be deleted and replaced by the following: "General. (a) No person shall operate a segment of pipeline unless it is maintained in accordance with this subpart.

"(b) Odorometers and leak detection equipment shall be calibrated according to manufacturer's specifications. Leak detection equipment shall be tested monthly with a calibration gas of known hydrocarbon concentration, except if equipment is not used, then testing with calibration gas shall be performed prior to the next use.

"(c) Each segment of pipeline that becomes unsafe shall be replaced, repaired or removed from service within five days of the operator being notified of the existence of the unsafe condition. Minimum requirements for response to each class of leak are as follows:

"(1) A class 1 leak requires immediate repair or continuous action until the conditions are no longer hazardous. After conditions are no longer hazardous, a class 1 leak shall be replaced, repaired, or removed from service within five days of the operator being notified of its existence.

"(2) A class 2 leak shall be repaired within six months after detection. Under adverse soil conditions, a class 2 leak shall be monitored weekly to ensure that the leak will not represent a probable hazard and that it reasonably can be expected to remain nonhazardous.

"(3) A class 3 leak shall be rechecked at least every six months and repaired or replaced within 30 months.

"(d) Each operator shall inspect and classify all reports of gas leaks within two hours of notification.

"(e) Each underground leak shall be classified using the operator's underground leak classification procedure as follows:

"(1) A class 1 leak means a leak that represents an existing or probable hazard to persons or property, and requires immediate repair or continuous action until the conditions are no longer hazardous. This class of leak may include the following conditions:

"(A) Any leak which, in the judgment of operating personnel at the scene, is regarded as an immediate hazard;

"(B) any leak in which escaping gas has ignited;

"(C) any indication that gas has migrated into or under a building, or into a tunnel;

"(D) any percentage reading gas in air at the outside wall of a building, or where gas would likely migrate to an outside wall of a building;

"(E) any reading of 4% gas in air, or greater, in a confined space;

"(F) any reading of 4% gas in air, or greater, in a small substructure from which gas would likely migrate to the outside wall of a building; or

"(G) any leak that can be seen, heard, or felt, and which is in a location that may endanger the general public or property.

"(2) A class 2 leak means a leak that is nonhazardous at the time of detection, but justifies scheduled repair based on probable future hazard. This class of leak may include the following conditions:

"(A) any reading of 2% gas in air, or greater, under a sidewalk in a wall-to-wall paved area that does not qualify as a class 1 leak;

"(B) any reading of 5% gas in air, or greater, under a street in a wall-to-wall paved area that has significant gas migration and does not qualify as a class 1 leak;

"(C) any reading less than 4% gas in air in a small substructure from which gas would likely migrate creating a probable future hazard;

"(D) any reading between 1% gas in air and 4% gas in air in a confined space;

"(E) any reading on a pipeline operating at 30% SMYS, or greater, in a class 3 or 4 location, which does not qualify as a class 1 leak;

"(F) any reading of 4% gas in air, or greater, in a gas associated substructure; or

"(G) any leak which, in the judgment of operating personnel at the scene, is of significant magnitude to justify scheduled repair.

"(3) A class 3 leak means a leak that is nonhazardous at the time of detection and can reasonably be expected to remain nonhazardous. This class of leak may include the following conditions:

"(A) any reading of less than 4% gas in air in a small gas associated substructure;

"(B) any reading under a street in areas without wall-to-wall paving where it is unlikely the gas could migrate to the outside wall of a building; or

"(C) any reading of less than 1% gas in air in a confined space."

(cc) 49 C.F.R. 192.721(a) shall be deleted and replaced by the following two paragraphs: "(a) The frequency with which mains are patrolled shall be determined by the severity of the conditions which could cause failure or leakage, and the consequent hazards to public safety. Intervals between patrols shall not be longer than those prescribed in the following table:

Maximum Intervals Between Patrols

Location of Line	Mains in places or on structures where anticipated physical movement or external loading could cause failure or leakage	Mains at all other locations
Inside business districts	4½ months, but at least four times each calendar year	7½ months, but at least twice each calendar year
Outside business districts	7½ months, but at least twice each calendar year	18 months, but at least once each calendar year

"(b) Service lines and yard lines shall be patrolled at least once every three calendar years at intervals not exceeding 42 months."

(dd) 49 C.F.R. 192.723 shall be deleted and replaced by the following:

"Distribution systems: leak surveys and procedures.

"(a) Each operator of a distribution system shall conduct periodic leakage surveys using leak detection equipment in accordance with this section. The leak detection equipment used for this survey shall utilize a continuously sampling technology.

"(b) The type and scope of the leakage control program shall be determined by the nature of the operations and the local conditions. A leakage survey using leak detection equipment shall be conducted on all distribution mains and shall meet the following minimum requirements:

"(1) In business districts, a leakage survey shall include tests of the atmosphere in gas, electric, telephone, sewer and water system manholes, at cracks in pavement and sidewalks, and at other locations providing an opportunity for finding gas leaks. This survey shall be conducted at intervals on the distribution mains within the business district as frequently as necessary with the maximum interval between surveys not exceeding 15 months, but at least once each calendar year.

"(2) A leakage survey with leak detection equipment shall be conducted on the distribution mains outside the business areas. The survey shall be made as frequently as necessary, but it shall meet the following minimum requirements:

"i. Cathodically unprotected steel mains and ductile iron mains located in class 2, 3, and 4 areas shall be surveyed at least once each calendar year at intervals not exceeding 15 months.

"ii. Cathodically unprotected steel mains and ductile iron mains located in class 1 areas, cathodically protected bare steel mains, cast iron mains, and mains constructed of PVC plastic shall be surveyed at least once every three calendar years at intervals not exceeding 39 months.

"iii. Cathodically protected externally coated steel mains and mains constructed of polyethylene plastic shall be surveyed at least once every five calendar years at intervals not exceeding 63 months.

"(3) Operators in existence on January 1, 2007 must be in compliance with paragraph (b)(2) of this section no later than June 1, 2010. Prior to compliance with subparagraphs (b)(2)(i) and (b)(2)(ii) of this section, a leakage survey with leak detection equipment of the distribution system shall be conducted outside business districts as frequently as necessary, but it shall be performed at least once every 3 calendar years at intervals not exceeding 39 months.

"(c) Except for the service lines and yard lines described in paragraph (d) of this section, a leakage survey using leak detection equipment shall be conducted for all service lines and yard lines as follows:

"(1) In business districts, this survey shall be conducted as frequently as necessary with the maximum interval between surveys not exceeding 15 months, but at least once each calendar year.

"(2) Outside business districts, the survey shall be made as frequently as necessary, but it shall meet the following minimum requirements:

"i. Cathodically unprotected steel service or yard lines and service or yard lines constructed of PVC plastic, cast iron, or copper shall be surveyed at least once each calendar year at intervals not exceeding 15 months.

"ii. Cathodically protected bare steel service or yard lines shall be surveyed at least once every three years at intervals not exceeding 39 months.

"iii. Cathodically protected externally coated

steel service or yard lines and service or yard lines constructed of polyethylene plastic shall be surveyed at least once every five calendar years at intervals not exceeding 63 months.

"(d) For yard lines more than 300 feet in length and operating at a pressure less than 10 p.s.i.g., only the portion within 300 feet of a habitable dwelling must be leak surveyed in accordance with these regulations.

"(e) Each operator's operations and maintenance manual shall state that company-designated employees are to be trained in and conduct vegetation leak surveys where vegetation is suitable to such analysis.

"(f) Each leakage survey record shall be kept for at least six years."

(ee) The following shall be added to 49 C.F.R. 192.755: "(c) Each operator with cast iron piping shall institute all of the following for the purposes of evaluation and replacement of cast iron pipelines:

"(1) Each time a leak in the body of a cast iron pipe is discovered, collect a coupon from the joint of pipe that is leaking within five feet of the leak site.

"(2) Conduct laboratory analysis on all coupons to determine the percentage of graphitization. Using the following equation:

$$\text{Percent of Graphitization} = \frac{\text{(Maximum Depth of Graphitization)}}{\text{(Wall Thickness)}} \times 100$$

"(3) Replace at least one city block (approximately 500 feet) within 120 days of the operator's discovery of a leak in cast iron pipe due to external corrosion or each time the laboratory analysis of a coupon shows graphitization equal to or greater than the following:

Diameter	Percent Graphitization
2.0 inch	25%
3.0 inch and 4.0 inch	60%
6.0 inch and 8.0 inch	75%
10.0 inch or greater	90%

"(4) Submit coupons for analysis within 30 days of collection. Retain all sampling records for the life of the facility, but not less than five years.

"(5) For each operator with cast iron piping that is 3 inches or less in nominal diameter, have a replacement program that will remove all cast iron piping with nominal diameter of 3 inches and smaller from natural gas service by January 1, 2013."

(ff) 49 C.F.R. 192.801(b)(3) shall be deleted and replaced by the following: "(3) Is performed as requirement of K.A.R. 82-11-4; and." (Authorized by and implementing K.S.A. 66-1,150; effective, T-82-10-28-88, Oct. 28, 1988; effective, T-82-2-25-89, Feb. 25, 1989; revoked, T-82-3-31-89, April 30, 1989; effective May 1, 1989; amended April 16, 1990; amended March 12, 1999; amended July 7, 2003; amended Jan. 25, 2008; amended June 26, 2009; amended Aug. 5, 2011.)

82-11-10. Drug and alcohol testing. The federal regulations titled "drug and alcohol testing," 49 C.F.R. Part 199 as in effect October 1, 2010, are adopted by reference only as they apply to operators of pipeline facilities that deal in the transportation of natural gas by pipeline, with the following modifications:

(a) 49 C.F.R. 199.1 shall be deleted and replaced by the following: "This regulation requires operators of pipeline facilities subject to K.A.R. 82-11-4 to test covered employees for the presence of prohibited drugs and alcohol."

(b) 49 C.F.R. 199.2 shall be deleted and replaced by the following:

"(a) This part applies to operators of intrastate natural gas pipelines within the state of Kansas.

"(b) This part does not apply to covered functions performed on:

"(1) Master meter systems, as defined in K.A.R. 82-11-3; or

"(2) pipeline systems that transport only petroleum gas or petroleum gas/air mixtures."

(c) 49 C.F.R. 199.3 shall be deleted and replaced by the following: "As used in this part:

"(a) 'accident' means an incident involving gas pipeline facilities reportable under K.A.R. 82-11-3;

"(b) 'administrator' means the Administrator, Pipeline and Hazardous Materials Safety Administration or the state corporation commission of the state of Kansas;

"(c) 'covered employee, employee, or individual to be tested' means a person who performs a covered function, including persons employed by operators, contractors engaged by operators, and persons employed by such contractors;

"(d) 'covered function' means an operations, maintenance, or emergency response function

regulated by K.A.R. 82-11-4 and K.A.R. 82-11-8 that is performed on a pipeline;

"(e) 'DOT Procedures' means the Procedures for Transportation Workplace Drug and Alcohol Testing Programs published by the Office of the Secretary of Transportation in 49 C.F.R. Part 40;

"(f) 'fail a drug test' means that the confirmation test results show positive evidence under DOT Procedures of a prohibited drug in the employee's system;

"(g) 'operator' means a person who owns or operates pipeline facilities subject to K.A.R. 82-11-1, et seq.;

"(h) 'pass a drug test' means that initial testimony or confirmation testing under DOT Procedures does not show evidence of the presence of a prohibited drug in the person's system;

"(i) 'performs a covered function' includes actually performing, ready to perform, or immediately available to perform a covered function;

"(j) 'positive rate for random drug testing' means the number of verified positive results for random drug tests conducted under this part plus the number of refusals of random drug tests required by this part, divided by the total number of random drug tests results (i.e., positives, negatives, and refusals) under this part;

"(k) 'prohibited drug' means any of the following substances specified in Schedule I or Schedule II of the Controlled Substances Act, 21 U.S.C. §812 — marijuana, cocaine, opiates, amphetamines, and phencyclidine (PCP);

"(l) 'refuse to submit, refuse, or refuse to take' means behavior consistent with DOT Procedures concerning refusal to take a drug test or refusal to take an alcohol test;

"(m) 'state agency' means the state corporation commission of the state of Kansas."

(d) 49 C.F.R. 199.7 shall be deleted and replaced by the following:

"(a) Each operator who seeks a waiver under 49 C.F.R. 40.21 from the stand-down restriction must submit an application for waiver in duplicate to the state corporation commission of Kansas and the Associate Administrator for Pipeline Safety, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, 1200 New Jersey Avenue, SE, Washington, DC 20590-0001;

"(b) Each application must:

"(1) Identify 49 C.F.R. 40.21 as the rule from which the waiver is sought;

"(2) Explain why the waiver is requested and describe the employees to be covered by the waiver;

"(3) Contain the information required by 49 C.F.R. 40.21 and any other information or arguments available to support the waiver requested; and

"(4) Unless good cause is shown in the application, be submitted at least 60 days before the proposed effective date of the waiver.

"(c) No public hearing or other proceeding is held directly on an application before its disposition under this section. If the Associate Administrator determines that the application contains adequate justification, the Associate Administrator grants the waiver. If the Associate Administrator determines that the application does not justify granting the waiver, the Associate Administrator denies the application. The Associate Administrator notifies each applicant of the decision to grant or deny an application."

(e) 49 C.F.R. 199.9 shall be deleted.

(f) 49 C.F.R. 199.100 shall be deleted and replaced by the following: "The purpose of this subpart is to establish programs designed to help prevent accidents and injuries resulting from the use of prohibited drugs by employees who perform covered functions for operators of certain pipeline facilities subject to K.A.R. 82-11-4."

(g) 49 C.F.R. 199.200 shall be deleted and replaced by the following: "The purpose of this subpart is to establish programs designed to help prevent accidents and injuries resulting from the misuse of alcohol by employees who perform covered functions for operators of certain pipeline facilities subject to K.A.R. 82-11-4." (Authorized by and implementing K.S.A. 66-1,150; effective April 16, 1990; amended March 12, 1999; amended July 7, 2003; amended June 26, 2009; amended Aug. 5, 2011.)

Article 12.—WIRE-STRINGING RULES

82-12-7. Utility requirements for telecommunication supply lines. A utility may proceed with construction of any telecommunication supply line if both of the following requirements are met:

(a) Before beginning construction, the utility shall give written notice to all of the following entities that have facilities within ½ mile of any contemplated telecommunication supply line construction or change in construction:

(1) Railroads; and

(2) any other utilities, unless the utilities have executed a joint use or other agreement covering the area in which the construction is proposed.

(b) The proposed telecommunication supply line construction shall meet the following requirements:

(1) Be within the utility's certified area; and

(2) not result in any objection from other utilities or railroads that have been given written notice as required by subsection (a). (Authorized by and implementing K.S.A. 66-183; effective Aug. 11, 1995; amended Aug. 5, 2011.)

Article 14.—THE KANSAS UNDERGROUND UTILITY DAMAGE PREVENTION ACT

82-14-1. Definitions. The following terms as used in the administration and enforcement of the Kansas underground utility damage prevention act, K.S.A. 66-1801 et seq. and amendments thereto, shall be defined as specified in this regulation.

(a) "Backreaming" means the process of enlarging the diameter of a bore by pulling a specially designed tool through the bore from the bore exit point back to the bore entry point.

(b) "Commission" means the state corporation commission of Kansas.

(c) "Drill head" means the mechanical device connected to the drill pipe that is used to initiate the excavation in a directional boring operation. This term is sometimes referred to as the drill bit.

(d) "Excavation scheduled start date" means the later of the start date stated in the notice of intent of excavation filed by the excavator with the notification center or the start date filed by the excavator with a tier 2 member or tier 3 member.

(e) "Excavation site" means the area where excavation is to occur.

(f) "Locatable" has the meaning of that word as used in "locatable facility," which is defined in K.S.A. 66-1802 and amendments thereto. In addition to the requirements for locating underground facilities, as specified in K.S.A. 66-1802 and amendments thereto, the operator shall be able to locate underground facilities within 24 inches of the outside dimensions in all horizontal directions of an underground facility using tracer wire, conductive material, GPS technology, or any other technology that provides the operator with the ability to locate the pipelines for at least 20 years.

(g) "Locate" means the act of marking the tolerance zone of the operator's underground facilities by the operator.

(h) "Locate ball" means an electronic marker device that is buried with the facility and is used to enhance signal reflection to a facility detection device.

(i) "Meet on site" means a meeting between an operator and an excavator that occurs at the excavation site in order for the excavator to provide an accurate description of the excavation site.

(j) "Notice of intent of excavation" means the written notification required by K.S.A. 66-1804 and amendments thereto.

(k) "Notification center," as defined in K.S.A. 66-1802 and amendments thereto, means the underground utility notification center operated by Kansas one call, inc.

(l) "Pullback operation" means the installation of facilities in a directional bore by pulling the facility from the bore exit point back to the bore entry point.

(m) "Pullback device" means the apparatus used to connect drilling tools to the facility being installed in a directional bore.

(n) "Reasonable care" means the precautions taken by an excavator to conduct an excavation in a careful and prudent manner. Reasonable care shall include the following:

(1) Providing for proper support and backfill around all existing underground facilities;

(2) using nonintrusive means, as necessary, to expose the existing facility in order to visually determine that there will be no conflict between the facility and the proposed excavation path when the path is within the tolerance zone of the existing facility;

(3) exposing the existing facility at intervals as often as necessary to avoid damage when the proposed excavation path is parallel to and within the tolerance zone of an existing facility; and

(4) maintaining the visibility of the markings that indicate the location of underground utilities throughout the excavation period.

(o) "Tier 1 member" means any operator of a tier 1 facility, as defined in K.S.A. 66-1802 and amendments thereto, or any operator of a tier 2 facility, as defined in K.S.A. 66-1802 and amendments thereto, that elects to be a tier 1 member of the notification center pursuant to K.A.R. 82-14-3.

(p) "Tier 2 member" means any operator of a tier 2 facility, as defined in K.S.A. 66-1802 and

amendments thereto, that elects to be a tier 2 member of the notification center.

(q) "Tier 3 member" means any operator of a tier 2 facility, as defined in K.S.A. 66-1802 and amendments thereto, that meets the requirements for a tier 3 facility, as defined in K.S.A. 66-1802 and amendments thereto, and elects to be a tier 3 member of the notification center.

(r) "Tolerance zone" has the meaning specified in K.S.A. 66-1802 and amendments thereto. The tolerance zone shall not be greater than the following:

(1) 25 inches for each tier 1 facility; and

(2) 61 inches for each tier 2 facility.

(s) "Trenchless excavation" means any excavation performed in a manner that does not allow the excavator to visually observe the placement of the new facility. This term shall include underground boring, tunneling, horizontal auguring, directional drilling, plowing, and geoprobing. (Authorized by and implementing K.S.A. 2008 Supp. 66-1815; effective Jan. 19, 2007; amended July 6, 2009.)

82-14-2. Excavator requirements. In addition to the provisions of K.S.A. 66-1804, K.S.A. 66-1807, K.S.A. 66-1809, and K.S.A 66-1810 and amendments thereto, the following requirements shall apply to each excavator:

(a) If an excavator directly contacts a tier 2 member or a tier 3 member, the excavation scheduled start date shall be the later of the following:

(1) The excavation scheduled start date assigned by the notification center; or

(2) two full working days after the day of contact with the tier 2 member or tier 3 member.

(b) Unless all affected operators have provided notification to the excavator, excavation shall not begin at any excavation site before the excavation scheduled start date.

(c) If a meet on site is requested by the excavator, the excavation scheduled start date shall be no earlier than the fifth working day after the date on which the notice of intent of excavation was given to the notification center or to the tier 2 member or tier 3 member.

(d) Each notice of intent of excavation shall include the name and telephone number of the individual who will be representing the excavator.

(e) Each description of the excavation site shall include the following:

(1) The street address, if available, and the specific location of the proposed excavation site at the street address; and

(2) an accurate description of the proposed excavation site using any available designations, including the closest street, road, or intersection, and any additional information requested by the notification center.

(f) If the excavation site is outside the boundaries of any city or if a street address is not available, the description of the excavation site shall include one of the following:

(1) An accurate description of the excavation site using any available designations, including driving directions from the closest named street, road, or intersection;

(2) the specific legal description, including the quarter section; or

(3) the longitude and latitude coordinates.

(g) An excavator shall not claim preengineered project status, as defined in K.S.A. 66-1802 and amendments thereto, unless the public agency responsible for the project performed the following before allowing excavation:

(1) Identified all operators that have underground facilities located within the excavation site;

(2) requested that the operators specified in paragraph (g)(1) verify the location of their underground facilities, if any, within the excavation site;

(3) required the location of all known underground facilities to be noted on updated engineering drawings as specifications for the project;

(4) notified all operators that have underground facilities located within the excavation site of the project of any changes to the engineering drawings that could affect the safety of existing facilities; and

(5) complied with the requirements of K.S.A. 66-1804(a), and amendments thereto.

(h) If an excavator wishes to conduct an excavation as a permitted project, as defined in K.S.A. 66-1802 and amendments thereto, the permit obtained by the excavator shall have been issued by a federal, state, or municipal governmental entity and shall have been issued contingent on the excavator's having met the following requirements:

(1) Notified all operators with facilities in the vicinity of the excavation of the intent to excavate as a permitted project;

(2) visually verified the presence of the facility markings at the excavation site; and

(3) complied with the requirements of K.S.A. 66-1804(a) and amendments thereto.

(i) If the excavator requests a meet on site as part of the description of the proposed excavation site given to the notification center, the tier 2 member, or the tier 3 member, then the excavator shall document the meet on site and any subsequent meetings regarding facility locations with a record noting the name and company affiliation for the representative of the excavator and the representative of the operator that attend the meeting. The excavator shall keep this record for at least two years. This documentation shall include the following:

(1) Verification that the description of the excavation site is understood by both parties;

(2) the agreed-upon excavation scheduled start date;

(3) the date and time of the meet on site; and

(4) the name and company affiliation of each attendee of the meet on site.

(j) Each excavator using trenchless excavation techniques shall develop and implement operating guidelines for trenchless excavation techniques. At a minimum, the guidelines shall require the following:

(1) Training in the requirements of the Kansas underground utility damage prevention act;

(2) training in the use of nonintrusive methods of excavation used if there is an indication of a conflict between the tolerance zone of an existing facility and the proposed excavation path;

(3) calibration procedures for the locator and sonde if this equipment is used by the excavator;

(4) recordkeeping procedures for measurements taken while boring;

(5) training in the necessary precautions to be taken in monitoring a horizontal drilling tool when backreaming or performing a pullback operation that crosses within the tolerance zone of an existing facility;

(6) training in the maintenance of appropriate clearance from existing facilities during the excavation operation and during the placement of new underground facilities;

(7) for horizontal directional drilling operations, a requirement to visually check the drill head and pullback device as they pass through potholes, entrances, and exit pits; and

(8) emergency procedures for unplanned utility strikes.

(k) If any contact with or damage to any underground facility or the facility's associated tracer wire, locate ball, or associated surface equipment occurs, the excavator shall immediately inform the operator. (Authorized by K.S.A. 2008 Supp. 66-1815; implementing K.S.A. 66-1803 and K.S.A. 66-1809; effective Jan. 19, 2007; amended July 6, 2009.)

82-14-3. Operator requirements. In addition to the provisions of K.S.A. 66-1806, K.S.A. 66-1807, and K.S.A. 66-1810 and amendments thereto, the requirements specified in this regulation shall apply to each operator.

(a) Each operator shall inform the notification center of its election to be considered as a tier 1 member, tier 2 member, or tier 3 member.

(b) Unless otherwise agreed to between the notification center and the operator, any operator of a tier 2 facility may change its membership election once every calendar year by informing the notification center of the operator's intention on or before November 30 of the preceding calendar year.

(c) Each tier 1 member shall perform the following:

(1) File and maintain maps of the operator's underground facilities or a map showing the operator's service area with the notification center; and

(2) file and maintain, with the notification center, the operator's telephone contact number that can be accessed on a 24-hour-per-day basis.

(d) Each tier 2 member shall perform the following:

(1) Establish telephone or internet service with the ability to receive notification from excavators on a 24-hour-per-day basis;

(2) file with the notification center updated maps of the operator's underground facilities or a map showing the operator's service area;

(3) file with the notification center the operator's current telephone contact number or numbers that can be accessed on a 24-hour-per-day basis;

(4) file with the notification center the operator's preferred method of contact for all referrals received from the notification center; and

(5) maintain for at least two years all information provided by the excavator pursuant to K.A.R. 82-14-2(e) and (f).

(e) Each tier 3 member shall perform the following:

(1) File with the notification center updated

maps of the operator's underground facilities or a map showing the operator's service area;

(2) file with the notification center the operator's current telephone contact number or numbers that can be accessed on a 24-hour-per-day basis;

(3) file with the notification center the operator's preferred method of contact for all referrals received from the notification center;

(4) maintain for at least two years all information provided by the excavator pursuant to K.A.R. 82-14-2(e) and (f);

(5) develop and operate a locate service web site capable of receiving locate requests;

(6) publish and maintain a dedicated telephone number for locate services;

(7) maintain 24-hour response capability for emergency locates; and

(8) employ at least two technically qualified individuals whose job function is dedicated to the location of underground utilities.

(f) Except in cases of emergencies or separate agreements between the parties, each operator of a tier 1 facility shall perform one of the following, within the two working days before the excavation scheduled start date assigned by the notification center:

(1) Inform the excavator of the location of the tolerance zone of the operator's underground facilities in the area described in the notice of intent of excavation; or

(2) notify the excavator that the operator has no facilities in the area described in the notice of intent of excavation.

(g) Except in cases of emergencies or separate agreements between the parties, the operator of a tier 2 facility shall perform one of the following within the two working days before the excavation scheduled start date assigned by the notification center or the tier 2 member or tier 3 member, whichever is later:

(1) Mark the location of its facilities according to the requirements of subsections (m) and (n) in the area described in the notice of intent of excavation and, if applicable, notify the excavator of the operator's election to require a tolerance zone of 60 inches; or

(2) inform the excavator that the operator's underground facilities are expected to be at least two feet deeper than the excavator's planned excavation depth and that the location of its facilities will not be provided for the affected tier 2 facilities.

(h) Each operator of a tier 2 facility that notifies an excavator of its election to require a tolerance zone of 60 inches shall record and maintain the following records of the notification for at least two years:

(1) The name of the excavator contacted for the notification of a 60-inch tolerance zone;

(2) the date of the notification; and

(3) a description of the location of the excavation site.

(i) Each operator of a tier 2 facility that notifies an excavator of its election not to provide locates for its facilities that are expected to be two feet deeper than the excavator's maximum planned excavation depth shall record and maintain the following records of the notification for at least two years:

(1) The name of the excavator notified that the operator will not provide locates;

(2) the excavator's maximum planned excavation depth;

(3) the date of the notification; and

(4) a description of the location of the excavation site.

(j) If the operator of a tier 2 facility is unable to provide the location of its facilities within a 60-inch tolerance zone, the operator shall mark the approximate location of its facilities to the best of its ability, notify the excavator that the markings could be inaccurate, remain on site or in the vicinity of the excavation, and provide additional guidance to the excavator in locating the facilities as needed during the excavation.

(k) Each tier 2 facility constructed, replaced, or repaired after July 1, 2008 shall be locatable. Location data shall be maintained in the form of maps or any other format as determined by the operator.

(l) The requirement to inform the excavator of the facility location shall be met by marking the location of the operator's facility and identifying the name of the operator with flags, paint, or any other method by which the location of the facility is marked in a clearly visible manner.

(m) In marking the location of its facilities, each operator shall use safety colors substantially similar to five of the colors specified in the American national standards institute standard no. Z535.1-2002, "American national standard for safety color code," not including annex A, dated July 25, 2002 and hereby adopted by reference, according to the following table:

Facility Type	Color
Electric power distribution lines and transmission lines	Safety red
Gas distribution and transmission lines, hazardous liquid distribution and transmission lines	Safety yellow
Telephone, telegraph, and fiber optic system lines; cable television lines; alarm lines; and signal lines	Safety orange
Potable water lines	Safety blue
Sanitary sewer main lines	Safety green

(n) If the facility has any outside dimension that is eight inches or larger, the operator shall mark its facility so that the outside dimensions of the facility can be easily determined by the excavator.

(o) If the facility has any outside dimension that is smaller than eight inches, the operator shall mark its facility so that the location of the facility can be easily determined by the excavator.

(p) The requirement to notify the excavator that the tier 1 operator has no facilities in the area described in the notice of intent of excavation shall be met by performing one of the following:

(1) Marking the excavation site in a manner indicating that the operator has no facilities at that site; or

(2) contacting the excavator by telephone, facsimile, or any other means of communication. Two documented attempts by the operator to reach an excavator by telephone during normal business hours shall constitute compliance with this paragraph.

(q) If the notice of intent of excavation contains a request for a meet on site, the operator shall meet with the excavator at a mutually agreed-upon time within two working days after the day on which the notice of intent of excavation was given.

(r) After attending a meet on site, the operator shall inform the excavator of the tolerance zone of the operator's facilities in the area of the planned excavation within two working days before the excavation scheduled start date that was agreed to at the meet on site.

(s) Any operator may request that the excavator whiteline the proposed excavation site.

(t) If the operator requests that the excavator whiteline the excavation site, the operator shall have two working days after the whitelining is completed to provide the location of the tolerance zone.

(u) If the operator requests that the excavator use whitelining at the excavation site, the operator shall document the whitelining request and any subsequent meetings regarding the facility location for that excavation site. The operator shall maintain records of the whitelining documentation for two years after the excavation scheduled start date. The documentation shall include the following:

(1) A record stating the name and contact information of the excavator contacted for the request for whitelining;

(2) verification that both parties understand the description of the excavation site;

(3) the agreed-upon excavation scheduled start date; and

(4) the date and time of the request for whitelining.

(v) Each operator that received more than 2,000 requests for facility locations in the preceding calendar year shall file a damage summary report at least semiannually with the Kansas corporation commission. The report shall include information on each incident of facility damage resulting from excavation activity that was discovered by the operator during that period. For each incident, at a minimum the following data, if known, shall be included in the report:

(1) The type of operator;

(2) the type of excavator;

(3) the type of excavation equipment;

(4) the city or county, or both, in which the damage occurred;

(5) the type of facility that was damaged;

(6) the date of damage, specifying the month and year;

(7) the type of locator;

(8) the existence of a valid notice of intent of excavation; and

(9) the primary cause of the damage.

(w) The damage summary report for the first six months of the calendar year shall be due on or before August 1 of the same calendar year. The damage summary report for the last six months of the calendar year shall be due on or before February 1 of the next calendar year. (Authorized by K.S.A. 2008 Supp. 66-1815; implementing K.S.A. 66-1806, as amended by L. 2008, ch. 122, sec. 8; effective Jan. 19, 2007; amended July 6, 2009.)

82-14-4. Notification center require-

ments. In addition to the provisions of K.S.A. 66-1805 and amendments thereto, the executive director of the notification center shall ensure that the following requirements are met:

(a) Notice shall be provided to each affected operator of a tier 1 facility of any excavation site for which the location has been requested pursuant to K.S.A. 66-1804(e), and amendments thereto, and K.A.R. 82-14-2 (e) or (f) if the affected operator is a tier 1 member and has facilities recorded with the notification center in the area of the proposed excavation site.

(b) If the affected operator is a tier 2 member and has a facility recorded with the notification center in the area of the proposed excavation, the notification center shall provide the excavator with the name of the tier 2 member and contact information for the tier 2 member.

(c) If the affected operator is a tier 3 member and has facilities recorded with the notification center in the area of the proposed excavation, the notification center shall provide the excavator with the name of the tier 3 member and the preferred method of contact for the tier 3 member.

(d) Notice provided by the notification center directly to the operators of tier 2 facilities of any excavation site shall be deemed to meet the requirements of subsections (b) and (c) if the operator agrees to the method of notification.

(e) A record of receipts for each notice of intent of excavation shall be maintained by the notification center for two years, including an audio record of each notice of intent of excavation, if available, and a written or electronic version of the notification sent to each operator that is a tier 1 member.

(f) A copy of the notification center's record documenting the notice of intent of excavation shall be provided to the commission or to the person giving the notice of intent of excavation, upon request.

(g) A quality control program shall be established and maintained by the notification center. The program shall ensure that the employees receiving and recording the notices of intent of excavation are adequately trained. (Authorized by K.S.A. 2008 Supp. 66-1815; implementing K.S.A. 66-1805, as amended by L. 2008, ch. 122, sec. 7; effective Jan. 19, 2007; amended July 6, 2009.)

82-14-5. Tier 3 member notification requirements. In addition to meeting the requirements of K.A.R. 82-14-3(e), each tier 3 member shall ensure that the following requirements are met:

(a) A record of receipts for each notice of intent of excavation shall be maintained for at least two years, including an audio record, if available, of each notice of intent of excavation and a written or electronic version of the notification.

(b) A copy of the tier 3 member's record documenting the notice of intent of excavation resulting in a response from the member shall be provided to the commission or to the person giving the notice of intent of excavation, upon request.

(c) A quality control program shall be established and maintained. The program shall establish procedures for receiving and recording the notices of intent of excavation. (Authorized by K.S.A 2008 Supp. 66-1815; implementing K.S.A 66-1802, as amended by L. 2008, ch. 122, sec. 5; effective Jan. 19, 2007; amended July 6, 2009.)

82-14-6. Violation of act; enforcement procedures. (a) After investigation, if the commission staff believes that there has been a violation or violations of K.S.A. 66-1801 et seq. and amendments thereto or any regulation or commission order issued pursuant to the Kansas underground utility damage prevention act and the commission staff determines that penalties or remedial action is necessary to correct the violation or violations, the commission staff may serve a notice of probable noncompliance on the person or persons against whom a violation is alleged. Service shall be made by registered mail or hand delivery.

(b) Any notice of probable noncompliance issued under this regulation may include the following:

(1) A statement of the provisions of the statutes, regulations, or commission orders that the respondent is alleged to have violated and a statement of the evidence upon which the allegations are based;

(2) a copy of this regulation; and

(3) any proposed remedial action or penalty assessments, or both, requested by the commission staff.

(c) Within 30 days of receipt of a notice of probable noncompliance, the recipient shall respond by mail in at least one of the following ways:

(1) Submit written explanations, a statement of general denial, or other materials contesting the allegations;

(2) submit a signed acknowledgment of commission staff's findings of noncompliance; or

(3) submit a signed proposal for the completion of any remedial action that addresses the commission staff's findings of noncompliance.

(d) The commission staff may amend a notice of probable noncompliance at any time before issuance of a penalty assessment. If an amendment includes any new material allegations of fact or if the staff proposes an increased civil penalty amount or additional remedial action, the respondent shall have 30 days from service of the amendment to respond.

(e) Unless good cause is shown or a consent agreement is executed by the commission staff and the respondent before the expiration of the 30-day time limit, the failure of a party to mail a timely response to a notice of probable noncompliance shall constitute an admission to all factual allegations made by the commission staff and may be used against the respondent in future proceedings.

(f) At any time before an order is issued assessing penalties or requiring remedial action or before a hearing, the commission staff and the respondent may agree to dispose of the case by joint execution of a consent agreement. The consent agreement may allow for a smaller penalty than otherwise required. The consent agreement may also allow for nonmonetary remedial penalties. Upon joint execution, the consent agreement shall become effective when the commission issues an order approving the consent agreement.

(g) Each consent agreement shall include the following:

(1) An admission by the respondent of all jurisdictional facts;

(2) an express waiver of any further procedural steps and of the right to seek judicial review or otherwise challenge or contest the validity of the commission's show cause order;

(3) an acknowledgment that the notice of probable noncompliance may be used to construe the terms of the order approving the consent agreement; and

(4) a statement of the actions required of the respondent and the time by which the actions shall be completed.

(h) If any violation resulting in a notice of probable noncompliance is not settled with a consent agreement, a penalty order may be issued by the commission no sooner than 30 days after the respondent has been served with a notice of probable noncompliance.

(i) The respondent shall remit payment for any civil assessments imposed by a penalty order within 20 days of service of the order.

(j) The respondent may request a hearing to challenge the allegations set forth in the penalty order by filing a motion with the commission within 15 days of service of a penalty order. The respondent's failure to respond within 15 days shall be considered an admission of noncompliance.

(k) An order may be issued by the commission to open a formal investigation docket regarding any potential noncompliance with the Kansas underground utility damage prevention act, and amendments thereto, or any regulations or orders pursuant to that act. If the commission finds evidence that any party to the investigation docket was not in compliance, a show cause order may be issued by the commission. If a show cause order is issued during the course of a formal investigation, the staff shall not be required to issue a notice of probable noncompliance. (Authorized by K.S.A 66-106 and K.S.A 66-1812; implementing K.S.A 66-1812; effective July 6, 2009.)

Article 16.—ELECTRIC UTILITY RENEWABLE ENERGY STANDARDS

82-16-1. Definitions. As used in these regulations, the following definitions shall apply:

(a) "Act" means the renewable energy standards act, K.S.A. 66-1256 through 66-1262 and amendments thereto.

(b) "Auxiliary power" has the meaning assigned to "station power" in K.S.A. 66-1,170(i), and amendments thereto.

(c) "Capacity from generation" means the net capacity of renewable generation resources owned or leased by a utility. Net capacity is the gross capacity minus auxiliary power required to operate the resource as determined in a test conducted as soon as possible after commercial operation begins. This test shall reflect operation of the resource over a four-hour period under conditions that do not limit performance due to ambient conditions, equipment, or operating or regulatory restrictions. The determination for a multiunit resource, including a wind farm, may be made through tests for a representative sample of at least 10% of the units. If the tests specified in this subsection are not practicable, the nameplate capacity of the resource minus the associated auxiliary power may be used as the net capacity unless there are factors that would prevent the resource

from achieving nameplate capacity, other than ambient conditions, equipment, or operating or regulatory restrictions.

(d) "Capacity from net metering systems" means the rated generating capacity of systems interconnected with a utility pursuant to the net metering and easy connection act, K.S.A. 66-1263 et seq., and amendments thereto.

(e) "Capacity from purchased energy" means the capacity associated with energy purchased by a utility from renewable energy resources. If the purchase is pursuant to a long-term contract of 10 years or more, the capacity from purchased energy shall be the nameplate capacity of the resource minus auxiliary power, adjusted as appropriate to reflect the utility's share of the output of the resource. Otherwise, the capacity from purchased energy shall be determined in the same manner as that used to calculate the capacity from RECs.

(f) "Capacity from RECs" means the capacity associated with the purchase of renewable energy credit. This capacity shall be determined by applying to the REC purchases the actual capacity factor of a utility's own renewable generation from the prior calendar year according to the following formulas:

$$\text{Capacity (MWs)} = \frac{\text{Energy (MWhs)}}{\text{Capacity Factor} \times 8760 \text{ hours}}$$

$$\text{Capacity Factor}_i = \frac{12}{n} \sum_{t=1}^{n} \frac{E_{i,t}}{8760 \times C_{i,t}}$$

where

i = the individual renewable generation facility

n = the number of months the facility has been in operation over the past 24 months, with n representing at least 12 months

$E_{i,t}$ = the total energy output (MWh) by renewable generation facility i during compliance period t

$C_{i,t}$ = the average total generator capacity (MW) by renewable generation facility i during compliance period t

The actual capacity factor shall be that of the same or similar type of resource as the source of the REC, if known. If the utility has multiple installations of the same or similar type of resource, the capacity factor shall be the average of the facilities. If the utility did not have this type of resource as the source of the REC or if the source is unknown, the overall capacity factor of its total renewable generation shall be used. In the absence of renewable resource generation, a default capacity factor of 34% shall be used.

(g) "Electric distribution cooperative" means a cooperative as defined by K.S.A. 17-4603, and amendments thereto, that is engaged in the retail sale and distribution of electricity and does not own or operate any generation or wholesale transmission facilities within the state of Kansas.

(h) "Electric utility" and "utility" mean any "affected utility," as defined by K.S.A. 66-1257 and amendments thereto.

(i) "Generation and transmission cooperative" means a cooperative as defined by K.S.A. 17-4603, and amendments thereto, that does not engage in the retail distribution and sale of electricity and operates generation facilities and transmission facilities solely for the wholesale distribution and sale of electricity.

(j) "Nameplate capacity" means the maximum rated output of a generator under specific conditions designated by the manufacturer, generally indicated in units of kilovolt-amperes (kVA) and in kilowatts (kW) on a nameplate attached to the generator.

(k) "REC" means "renewable energy credit," as defined in K.S.A. 66-1257 and amendments thereto. For purposes of these regulations, this term is reflected on a certificate representing the attributes associated with one megawatt-hour (MWh) of energy generated by a renewable energy resource that is located in Kansas or serves ratepayers in the state.

(l) "Renewable energy resources" has the meaning specified in K.S.A. 66-1257, and amendments thereto. For the purposes of K.S.A. 66-1257(f)(9)(A) and (B) and amendments thereto, the following shall apply:

(1) "Existing hydropower" shall mean hydropower that existed on or before May 27, 2009.

(2) "New hydropower" shall mean hydropower that existed after May 27, 2009.

(m) "Renewable energy standards" means the standards established by K.S.A. 66-1256 through 66-1262, and amendments thereto, for energy and energy portfolios of each utility subject to the provisions of the act. (Authorized by and implementing K.S.A. 2009 Supp. 66-1261; effective Nov. 19, 2010.)

82-16-2. Renewable energy standards and report. (a) Each utility shall meet the portfolio requirement in K.S.A. 66-1258, and amendments thereto, by maintaining a portfolio of re-

newable capacity from generation, purchased energy, RECs, or net metering systems.

(b) Each utility shall submit a report to the commission detailing that utility's compliance with the portfolio standards established by the act. A generation and transmission cooperative may submit a collective report on behalf of the electric distribution cooperatives it represents. If this collective report is submitted, the electric distribution cooperatives shall not be required to file their own reports as required by this subsection. The report shall specify the renewable generation that has been put into service or the portion of the utility's portfolio of renewable generation resources served from purchased energy, RECs, or net metering systems on or before July 1 of each calendar year. The first report shall be due on or before August 1, 2011 for the year 2011. An annual report shall be due on or before August 1 of each subsequent year. Each report shall contain the following information:

(1) A description of each type of renewable energy resource that has been purchased or put into service on or before July 1 of that year, along with a narrative supporting the rationale for selecting the capacity resource;

(2) a description of each renewable energy resource that was in operation the previous calendar year, including type, location, owner, operator, date of commencement of operations, and for the previous calendar year, the monthly capacity factor, monthly availability factor, and monthly amount of energy generated;

(3) a description of the utility's plans for meeting the renewable energy standard requirements for the next calendar year, including the utility's assessment of the expected impact to revenue requirements and any limitations that the one percent revenue requirement cap could impose on the utility's ability to comply with these regulations;

(4) the Kansas retail one-hour peak demand for each of the previous three calendar years and the average for these years, with supporting data and calculations if the demand differs from the information reported on the federal energy regulatory commission's FERC form 1. Each electric distribution cooperative that does not file FERC form 1 with the commission shall file a Kansas electric cooperative utility annual report with the commission;

(5) the amount of renewable energy capacity that will qualify as a portion of the year's peak demand as calculated pursuant to paragraph (b)(4), broken down by capacity from generation, purchased energy, RECs, and net metering systems;

(6) the renewable energy capacity identified in paragraph (b)(5) from a facility constructed in Kansas after January 1, 2000;

(7) if capacity from RECs is identified and necessary to meet the act's portfolio requirements in years other than 2011, 2016, and 2020, information on why the utility was unable to or did not acquire other renewable energy resources to meet the requirements;

(8) the calculated percentage increase in the utility's revenue requirements and retail utility rates that would be caused by compliance with the act's portfolio requirement for the year, as determined pursuant to K.A.R. 82-16-4. Supporting documentation for the determination shall be included with the report; and

(9) if the utility does not meet the act's portfolio requirement of renewable energy resources for 2011 or 2012, evidence of good faith efforts to comply with the portfolio requirements for 2011 or 2012, evidence of mitigating circumstances, and information regarding the factors specified in subsection (b) of K.A.R. 82-16-3. (Authorized by K.S.A. 2009 Supp. 66-1261; implementing K.S.A. 2009 Supp. 66-1258 and 66-1261; effective Nov. 19, 2010.)

82-16-3. Administrative penalties. Administrative penalties for noncompliance with the portfolio requirements of the act shall be imposed at levels that promote compliance after the commission's consideration of good faith efforts to comply, mitigating circumstances, and any other factors, in accordance with the following provisions:

(a) The standard minimum penalty shall be equal to two times the market value during the calendar year of sufficient RECs to have met the portfolio requirement.

(b) The penalty may be set by the commission above or below the standard minimum based on consideration of the relevant facts including the following, in addition to evidence of good faith efforts to comply or mitigating circumstances:

(1) The reasons for noncompliance;

(2) the degree of noncompliance;

(3) plans to achieve compliance;

(4) the impact of noncompliance on utility costs and revenues; and

(5) the impact of noncompliance on the environment.

(c) Pursuant to K.S.A. 66-1261 and amendments thereto, a noncomplying utility shall be exempted from administrative penalties by the commission if the utility demonstrates that compliance causes a retail rate impact of one percent or more as calculated pursuant to K.A.R. 82-16-4. (Authorized by and implementing K.S.A. 2009 Supp. 66-1261; effective Nov. 19, 2010.)

82-16-4. Retail revenue requirement. The retail revenue requirement attributable to compliance with the renewable energy standards requirement shall be calculated as follows for each utility:

(a) In conjunction with the reports required by K.A.R. 82-16-2, each utility shall file a separate retail revenue requirement calculation for each new capacity resource, whether renewable or nonrenewable, added during the year and also for renewable resources that were not added but were required to meet the portfolio requirement of the act. A capacity resource may result from new generation resources, purchased energy, RECs, or net metering systems. For purposes of complying with the act, "retail rate impact" shall mean the retail revenue requirement resulting from the determination of the retail revenue requirement specified in this regulation.

(b) Each determination of the retail revenue requirement shall reflect the total revenues required to allow the utility the opportunity to do the following:

(1) Earn a return on rate base items;

(2) earn a return on plant investments through depreciation;

(3) recover taxes other than income taxes;

(4) recover fuel and purchased power costs, including incremental fuel expense resulting from the inefficient dispatch of power generation if this expense is known;

(5) recover operating and maintenance costs;

(6) recover administrative and general expenses; and

(7) recover income taxes, including current deferred income taxes.

(c) In order to calculate a return on rate base items, each utility shall use the overall rate of return authorized by the commission from its last litigated rate case or specified in a stipulation and agreement authorized by the commission. If an overall rate of return was not specified in a utility's last rate case, then the average of the utility's proposed rate of return and the rate of return proposed by commission staff shall be used.

(d) The determination of the percentage increase to a utility's total retail revenue requirement shall consist of two separate calculations.

(1) The first calculation shall include the results from the addition of renewable capacity resources and shall be calculated as follows:

(A) The cumulative retail revenue requirement for all renewable capacity resources added during the year shall be the numerator.

(B) The cumulative retail revenue requirement for all nonrenewable capacity resources added during the year shall be added to the total retail revenues authorized by the commission in the utility's last rate case. The total retail revenues resulting from a utility's last rate case shall consist of all commission-authorized revenues used to determine base rates as well as all retail revenues recovered through any riders, surcharges, and other mechanisms. The cumulative amount of the retail revenues associated with nonrenewable capacity resources added during the year and the total retail revenues authorized by the commission in the utility's last rate case shall be the denominator.

(C) The numerator divided by the denominator shall result in the percentage increase to a utility's total retail revenue requirement resulting from the addition of renewable capacity resources.

(2) The second calculation shall include the results from the addition of renewable capacity resources added during the year and renewable energy resources that were not added but were required to meet the portfolio requirement of the act. The basis for the costs of resources not added shall be specified, including whether the costs come from responses to a request for proposal, negotiations, or any other process. The calculation shall be made as follows:

(A) The cumulative retail revenue requirement for all renewable capacity resources added during the year and renewable resources that were not added but were required to meet the portfolio requirement shall be the numerator.

(B) The cumulative retail revenue requirement for all nonrenewable capacity resources added during the year shall be added to the total retail revenues authorized by the commission in the utility's last rate case. The total retail revenues resulting from a utility's last rate case shall consist of all commission-authorized revenues used to de-

termine base rates as well as all retail revenues recovered through any riders, surcharges, and other mechanisms. The cumulative amount of the retail revenues associated with nonrenewable capacity resources added during the year and the total retail revenues authorized by the commission in the utility's last rate case shall be the denominator.

(C) The numerator divided by the denominator shall result in the percentage increase to a utility's total retail revenue requirement resulting from the addition of renewable capacity resources. (Authorized by K.S.A. 2009 Supp. 66-1261; implementing K.S.A. 2009 Supp. 66-1259 and 66-1260; effective Nov. 19, 2010.)

82-16-5. Certification of renewable energy resources. (a) If a utility seeks to classify as renewable any generation capacity from a source not listed in the act's definition of "renewable energy resources," the utility shall file an application with the commission for certification of a renewable energy resource on or before January 1 of the calendar year in which the resource is proposed to be included in the portfolio required by the act. The application shall contain the following information:

(1) A detailed technical description of the resource, including fuel type, technology, and expected operating specifications;

(2) a detailed description of the environmental impact of the resource, including impact on air, water, and land use;

(3) information concerning any applications for approvals or permits or any reviews or investigations by governmental entities with regard to environmental impact; and

(4) documentation or other evidence of certification or verification that the resource is considered a renewable energy resource by an entity that is widely recognized as having an established program and standards for certification of renewable energy resources.

(b) A determination shall be made by the commission regarding each application for classification of generation capacity filed pursuant to subsection (a), within 120 days after filing. (Authorized by K.S.A. 2009 Supp. 66-1261; implementing K.S.A. 2009 Supp. 66-1257 and 66-1262; effective Nov. 19, 2010.)

82-16-6. Renewable energy credit program. (a) Renewable energy credits intended to be used to meet the portfolio requirements in K.S.A. 66-1258, and amendments thereto, shall be issued and used as part of a REC program either established or approved by the commission. Each application for approval of any program not approved by the commission in any prior year shall be submitted on or before January 1 of the calendar year in which the RECs are proposed to be included in the portfolio.

(b) Any utility may purchase or sell RECs without commission approval. However, each renewable energy credit shall be counted only once. A REC sold by a utility shall not be included in the portfolio of the utility that sold the renewable energy credit. No utility shall include any REC in its portfolio that is included in the portfolio of any other utility, whether or not the utility is subject to the provisions of the act. Therefore, utilities and customer-generators shall not create, register, or sell RECs from energy produced from generation, purchased energy, or net metering system capacity if the energy is used by a utility to comply with the portfolio requirements of the act. For capacity that is only partially used for compliance, RECs may be created, registered, and sold for the pro rata portion of the energy produced by the unused portion of the resource.

(c) For purposes of complying with the act, any REC may be used only once. Unused RECs shall remain valid for up to two years from the date that the associated electricity is generated and shall be permanently retired at the end of two years or when used for compliance, whichever is earlier. A utility shall not sell RECs or the attributes associated with renewable energy generation or purchased energy used to comply with the requirements of the act to the utility's customers under a voluntary program established to let certain customers pay different rates to cover the cost of renewable energy, which is sometimes referred to as a "green pricing" program. To the extent that RECs from renewable energy resources are sold to customers, the utilities shall reduce the capacity used to comply with the act according to the formula specified in this subsection. Each utility shall retire any RECs sold under such a program.

Total Renewable Capacity for Compliance = TRC − C_{GP}

where

$$C_{GP} = \frac{E_{GP}}{CF \times 8760}$$

TRC = total renewable capacity
CGP = capacity used for green pricing

E_{GP} = energy sold for green pricing
CF = capacity factor for source of the energy sold as green energy

(d) Each REC sold or purchased by any Kansas utility shall be reported in an approved registry that documents and verifies attributes and other compliance conditions as well as tracks the creation, sale, retirement, and other transactions regarding the REC to prevent double counting and misuse, in accordance with these regulations and commission direction. (Authorized by and implementing K.S.A. 2009 Supp. 66-1258; effective Nov. 19, 2010.)

Article 17.—NET METERING

82-17-1. Definitions. The following terms used in the administration and enforcement of the Kansas net metering and easy connection act, K.S.A. 66-1263 through 66-1271 and amendments thereto, shall be defined as specified in this regulation.

(a) "Act" means the net metering and easy connection act (NMECA), K.S.A. 66-1263 through 66-1271 and amendments thereto.

(b) "Customer" means an entity receiving retail electric service from a utility.

(c) "IEEE" means the institute of electrical and electronics engineers, inc.

(d) "IEEE standard 1547" means the IEEE standard 1547, "IEEE standard for interconnecting distributed resources with electric power systems," published by the IEEE on July 28, 2003 and hereby adopted by reference.

(e) "IEEE standard 1547.1" means the IEEE standard 1547.1, "IEEE standard conformance test procedures for equipment interconnecting distributed resources with electric power systems," published by the IEEE on July 1, 2005 and hereby adopted by reference.

(f) "Net metered facility" means the equipment on a customer's side of a meter that meets the requirements in K.S.A. 66-1264(b)(1) through (b)(5), and amendments thereto.

(g) "Parallel operation" means a net metered facility that is connected electrically to an electric distribution system for longer than 100 milliseconds.

(h) "REC" means renewable energy credit, as defined in K.S.A. 66-1257 and amendments thereto. For purposes of these regulations, this term is reflected on a certificate representing the attributes associated with one megawatt-hour (MWh) of energy generated by a renewable energy resource that is located in Kansas or serves ratepayers in the state.

(i) "UL standard 1741" means the UL standard 1741, "inverters, converters, controllers and interconnection system equipment for use with distributed energy resources," published on January 28, 2010 by underwriters laboratories inc. and hereby adopted by reference. (Authorized by K.S.A. 2009 Supp. 66-1269; implementing K.S.A. 2009 Supp. 66-1268 and 66-1269; effective Aug. 6, 2010.)

82-17-2. Utility requirements pursuant to the act. (a) In addition to the requirements set forth in the act, any utility may install, at its expense, equipment to allow for load research metering for purposes of monitoring each net metered facility.

(b) Responsibilities for maintenance, repair, or replacement of meters, service lines, and other equipment provided by the utility shall be governed by the utility's current tariffs and terms of service on file with the commission. This equipment shall be accessible at all times to utility personnel.

(c) Each utility's interconnection with a customer-generator's net metered facility shall be subject to the utility's current tariffs and terms of service on file with the commission.

(d) Each utility shall enter into a written interconnection application or interconnection agreement with each customer-generator that is equivalent to sample forms available from the commission. Each agreement shall include the following information:

(1) Customer name, mailing address, service address, phone number, and emergency contact phone number;

(2) utility account number and number of meters associated with the account;

(3) information about the net metered facility, including AC power rating, voltage, type of system, address of the net metered facility, and the name of the manufacturer and the model number of the inverter or interconnection equipment;

(4) information about the installation of the net metered facility, including the name and license number of the contractor who installed the facility, and verification that the net metered facility meets the standards in K.A.R. 82-17-1(c), (d), (e), and (i);

(5) information regarding dispute resolution

opportunities available with the commission as specified in K.A.R. 82-1-20;

(6) information regarding periodic testing requirements necessary to meet the standards in K.A.R. 82-17-1(c), (d), (e), and (i); and

(7) verification by a licensed engineer or licensed electrician that the net metered facility has been installed in a manner that meets the requirements of all applicable codes and standards for that net metered facility. (Authorized by K.S.A. 2009 Supp. 66-1269; implementing K.S.A. 2009 Supp. 66-1265, 66-1269, and 66-1270; effective Aug. 6, 2010.)

82-17-3. Tariff requirements. Each utility shall file a tariff with the commission setting forth the terms and conditions for net metering interconnection with a customer-generator. In addition to setting forth the terms and conditions required by the act, the tariff shall include the following information:

(a) Any specific criteria and guidelines for determining the appropriate size of generation to fit the expected load;

(b) a provision requiring the customer-generator to furnish, install, operate, and maintain in good repair without cost to the utility any relays, locks and seals, breakers, automatic synchronizers, disconnecting devices, and any other control and protective devices required by an applicable recognized industry standard that is clearly identified in the tariff or in a tariff that is already approved by the commission, or by any requirements adopted by federal, state or local governing authorities for the interconnection of net-metered facilities, for the parallel operation of the net metered facility with the utility's system;

(c) a provision requiring the customer-generator to supply, at no expense to the utility, a suitable location for the utility's equipment;

(d) a statement indicating whether or not the utility requires the customer-generator to install a utility-controlled manual disconnect switch located on the line side of a meter that has the capability to be locked out by utility personnel to isolate the utility's facilities if an electrical outage in the utility's facilities occurs. If a manual switch is required, the utility shall give notice to the customer-generator, as soon as possible, when the switch is locked out or used by the utility. The disconnect switch may also serve as a means of isolation for the net metered facility during any customer-generator maintenance activities, routine outages, or emergencies;

(e) a requirement that the customer-generator shall notify the utility before the initial energizing or start-up testing, or both, of the net metered facility. The utility shall have the right to be present at these times;

(f) the requirement that, if harmonics, voltage fluctuations, or other disruptive problems on the utility's system can be directly attributed to the operation of the net metered facility, each problem shall be corrected at the customer-generator's expense. The utility shall provide to the customer-generator a written estimate of all costs that will be incurred by the utility and billed to the customer-generator to accommodate interconnection or correct problems;

(g) a requirement that no net metered facility shall damage the utility's system or equipment or present an undue hazard to utility personnel; and

(h) a requirement that the customer-generator enter into a written interconnection application or interconnection agreement with the utility, as specified in K.A.R. 82-17-2(d). (Authorized by K.S.A. 2009 Supp. 66-1269; implementing K.S.A. 2009 Supp. 66-1264, 66-1268, 66-1269; effective Aug. 6, 2010.)

82-17-4. Reporting requirements. (a) Each utility shall annually submit to the commission, by March 1, a report in a format approved by the commission listing all net metered facilities connected with the utility during the prior calendar year, pursuant to the act.

(b) Each report shall specify the following information:

(1) Information by customer type, including the following for each net metered facility:

(A) The type of generation resource in operation;

(B) zip code of the net metered facility;

(C) first year of interconnection;

(D) any excess kilowatt-hours that expired at the end of the prior calendar year;

(E) generator size; and

(F) number and type of meters; and

(2) the utility's system retail peak in Kansas and total rated net metered generating capacity for all net metered facilities connected with the utility's system in Kansas. (Authorized by K.S.A. 2009 Supp. 66-1269; implementing K.S.A. 2009 Supp.

66-1265, 66-1266, 66-1269, and 66-1271; effective Aug. 6, 2010.)

82-17-5. Renewable energy credit program. As specified in K.A.R. 82-16-6, neither utilities nor customer-generators may create, register, or sell renewable energy credits (RECs) from energy produced by a net metered facility that is used by a utility to comply with the requirements of the renewable energy standards act. Each utility shall inform a customer-generator if the utility does not intend to use the capacity of the customer-generator's net metered facility, in whole or part, to comply with these requirements for any specified calendar year or years. The utility shall provide this notice on or before October 1 of the year preceding the first such specified year. (Authorized by K.S.A. 2009 Supp. 66-1269; implementing K.S.A. 2009 Supp. 66-1271; effective Aug. 6, 2010.)